

1 CTAGAAGAGC CTAGAGGTTT TCATTGGCTG CTTACTTTTA AAGTAAACCT
51 TATTAGCCAT AAAATTCAC ATTCTAGGA ACGTCTCCG TTTGATTCAT
101 TTTTATTACT CTGATATTAA AGAGGAAGAA TTACTTCGGT TCTTGATTTT
151 GTTTAGATTT GGGGGGTGT GGTTTTGAA CATAAAAGTT GTTATGCTTA
201 CTTCTGGTT ATTGCAACCC ACCTGATTCA CCTTCCTAAA CTAACCCCTGC
251 TTCTCGGCC TTCTCAGTTC TACTCTCATT ATTTCACTTC AGATTTGAAG
301 CTGTAACCTA GAAAATAAGA ACCCAGCTGA CTCAAGGCAC AGGCATAGCA
351 GGCTAATGAG CTGCAAGAAC CCCCCCAAT TCTATCATGC AACTGCATGT
401 GTTGACAGGA ATCTCTGGAC CTTTATCTCC AGCAGGAAAT GAGAGATTCA
451 TCTGTGTTCT GCTTGAGTAG ATTGAAATCT TAGCAAATTC CATTTAGAGA
501 AAGGGGCGTG GAGAGGGGCT ATTAGGTTCA AGGGGGTGGG TGGGGGGAAG
551 ATAACAAAA TGAAGGGAAA AGAACCAAGA AAAACTAGAA AAACAGCTTC
601 AAAAACACGC TTTCTGGCA CAGCTTGTC CATTTATTTT CCTAAGTCTC
651 CAGGAGGACT ATTTGAACAG AAGTGTCTGT ATACCCTGAG ATTTCCACGC
701 TGGCAGCCTT TGAGAAGCGA GAAGGAAGAG GACTCTATTC CGCCCCTGA
751 ACCCTTTTCT ATCTATATG AGATGGCTCC TTAGAGATGG TGGAGGAGAG
801 CAGAATGTGG CTAGTGTGTT CCGGAGATGA GTGGCATCGG AGGTCACAGC
851 CAAGGCTGGT AACTCTTAGC CCCACCCACC TTTTGTTCCT TCCCCCTGGC
901 GCTCAGCCTC ACCTATTTCA AACTCTTTCC TTCTTTTGA CTAGTCGCTC
951 GCAATCTTTC GCCTTCTCAT CTTTGGCGT CTCATCTTCC TCGCAGCCTA
1001 CGGCACCTGG AGACCAAATC AACCCCAAT CTTGCAACCC TCCAGGGACT
1051 CAGGCAGAAA CTGGGCATGC TCAGCGGCAC GGGCAGCTTT CAGTCTTTCC
1101 CGAGGCGCGG CTCAGCGCTG GGCAGGGACC TGCGTGCCAA TTCAGTTCGG
1151 GCTTCGGCAC CCACCTCCGC TGAACCCAGG GATCCGAGCT GCACCCTGAG
1201 GCTAAATCTG CACCTTAGG TGGTTCATTG TCAATCTTCA ACCTGCTGAG
1251 CGCCAACAGA GCTTACAAAT ATTCTCAT T AAGAACTGT TTTCCACCT
1301 GTGTTTTCTT TGCAAGCTAAG GGTGCTTTAG CTACTGCGGC GTGAGGAGCT
1351 CAGGGACGGA GCCCTGTGGC CGGTGGCCGT AGAGATCACC TTCCAGAGT
1401 AGCTGTTTGT CACTGAGTTT TGGAGATTTC TTGGCTGGCT TCCGCTAAAG
1451 CACGCTTGAG TAATCCGAGC TGTGGCGCGC CCCAAGCTAC CAAGATAAAG
1501 AGAGCGTGTG TGTGTGTGTG TGTGTGTGTG TGTGTGTGTG TGTGTGTGTG
1551 TGTGTGTGTG AGGGGGAGAG GGCGGGGATA GAAACAGCAA CNNNNNNNNN
1601 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NGTGTAGCGG
1651 GAGAGGGCGG GAATAGAACC NTCAACCCCC GCNGACCCCC AGCTCCCTTT
1701 TCTCTCTCTC CTTCCAGCAA AACCAGGCACA AGTCTTCCAT CCCCCCTCAG
1751 CCATTCTCTA CTGCTCTGGG CAACCGCCAG GTTAAGCCCA TTTGCACTGG
1801 GAAATTGGCG CTGTTTGGGA GAAGAGAAAC AGATCGATTG CCCTTGTGAC
1851 TCCCCGCCCC CTTCCACCCC CACCCCAACA GCTCCCTCCC TCTTTCCCTC
1901 CCCCAGCCACC TCCCTCACC CCGCTCCTT CCGTTCCTC ACCCCCAAC
1951 CCTCTACCCC GCGGCAGTCC GGTGCGAGGC CCCCTCCGGA AGGTGAGGGG
2001 AATGGATTGG ACTCCGCTGG GAAAGCGGG TGTCTAGAAG TGGTGCTAAT
2051 GGAAGAGAAA TTCTGGTTTC AAAAGAGGAT GCTCTGCCAC AAAGAGCGGC
2101 TCGCGCGCTG GCCTGGGCTC TAGCCGAGGA GAGATCCCCG GGAGAACTCC
2151 AGACCTTCCG GGGGAGCGCT ACTCGGAAGA CCGGGGCCAA CATGCCTGTG
2201 CGCAGGGGGC ATGTGGCACC ACAAATACA TTTCTGGGGA CCATCATTCG
2251 GAAATTTGAA GGGCAAAGTA AGTTCGTTTG TTCTCTTCTC TCGCCCTCGC
2301 TTTCTGCCTT GTTAGTGCAC TTGGCGTCCA CCGCTTCCA GGTGGGAGAG
2351 CCGGCAACTC CAGGCTCTGT CAACTTAAGA GGCTGTGAAA CCGAGCCAGG
2401 AGGTTTCGAAT GGCAGCGGGA GTGTTCTTCT GATATTAATT TTGATTTACA
2451 TTTTAGATTA CGTCTCCAT TATAGGAGGC AATTGATCC TCCTCTACCA
2501 CTGCTCCATT ATCTGCCTTG CTACTTAATT TCCTACTATT CTAATATCTT
2551 AAAGGGAACG TGCTAGGATA ACATGGGTTT ATATTTTGAG GCTGTTTTAC
2601 TGTAAGCTTT CTGAAAGTCG GAAGCAGAGC AGACCATACT ATTCGAACAA
2651 GAGAATGTAA ATGGTAGTAG CGATGTAAAT GACTATGCAA ACTATATTTT
2701 ACCTTGGTTA AACTGCAAAG CAGTGGTATG ACACGGATGC TTGCTTGCTA
2751 TTAATTTATA GAAGCTAAAT TTTGTATTGA ATCAATGCAA ATATATCCTA
2801 AGCAGGGTAA TTTGAAAAG CAGTATCTCA TCTGTGCTGG TTCCCGATGC
2851 AAATGGCTCA TTATTCAAAA TAATATTTCT ATTTCTTTAT TATCCCTTA
2901 AAATTTCCAT CTAGAAATTT AAAAATTGAA GTGTAATAAG TAAATCCAC
2951 AAAGACTGAA TGCAAGAAA TTTAATGTTC TCATGTGGAC TAAATATAGG
3001 GAATAAATTG TTGCTATATA AATATATTAA TTTAAAATCC TGTATTTGTT
3051 AACTTATCTT CGTCTTTTTC TTAAACTAT ATTAATACAT TTGTATGCCA
3101 TATATTTTGC GGTATTTTCA GCACTGCATT TAGTGATGTG AGGATCTGGT

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3151 ACCTTGCGTA CAACTAAAC TTGTATATCC TGCTTCACAA TCTATGTGGA
3201 AATAGTAAAT ACAATCTGTG ATGTAAATTA ATAAGCTCTT TATATTAAGA
3251 ATTCCTGCTA CTACAGAAAA CTTCAAGGAT CTCCCAAAGT AAAAGTAAAA
3301 AGGTTGTGCT GATATTTACT GTGTGTGTGT AAATATTTTT CTTTTGGGAA
3351 ATATATATTA TGAAAATGTG AATCTTTGCC TTGTTGAATT GCTATTAAT
3401 ATGAAGTAGT TTCACTACTA AAGCTAGTTG CCTTTGTTTT TAACATGATG
3451 TGTGTAACAT GCCTAAGAGA GATAGGGAGA AGCCAAAGAA TAATAACTAC
3501 TTTGAGAAAG TTGTATTCAA AGGGCCAAGG TTGAAATGAG AAATCTGACA
3551 ACTACAGAAT GTTCACTGTG TTGACTTTGA AAATATTTAC ATTACAATTA
3601 AATGACATTC TGAATATATC AATGGGCAGC TGCTTGCTCG AGTGCCACT
3651 AGGAACCCCC GCAGTTGCAG GGCTTGAGAA CTAGTCTATT TGGGAAATTC
3701 TATTTCTGCA ATTTTAAGAG TGTTTTCTTA ATACTTTCTG TTAAAATTAC
3751 TTAGGATCAT TAATCTCACA TTAAAGTTT GTGGGGTTTC TTGTGTTTTT
3801 TTTTTTCATA AGGGCTGGAG AGATTAGTAA TTTGGGGAGG CACCTGCATT
3851 TCAGAGCTCT TATTATGCAA CAAATTGCTT CAGTGTTACG GAGAATATTG
3901 TGGAGCTTTT TTCAAAGATG CCATACTGTC TTCTTATTAC AGATAAAAAA
3951 TTTATCATTG CAAATGCCAG AGTGCAGAAC TGTGCCATCA TTTATTGCAA
4001 CGATGGGTTT TGTGAGATGA CTGGTTTCTC CAGGCCAGAT GTCATGCAA
4051 AGCCATGCAC CTGCGACTTT CTCCATGGAC CCGAGACCAA GAGGCATGAT
4101 ATTGCCCAAA TTGCCAGGC ATTGCTGGGG TCAGAAGAGA GGAAAGTGGA
4151 GGTCACTTAC TATCACAATA ATGGTAAAT TCCTCTATTT AGGATTCCTT
4201 CTATTTGATC CCATTGAAAA GAAATTTTGA CTATTAAGG TTCATATGCA
4251 AAGAAGCCCA AAATGTTCAA TTGTAGATAT ATGCTTTGCA TATAGTATTT
4301 TGGGATCCAA CATATATGGG TATTCTGATT AGTGGTCTGG TAGAACAAT
4351 TTTTCTTTG AATAAGGGTA CTGTAATCTC TTCAAAGTA CAGTAACATA
4401 ATGTCACCTG GGTAAAATG CTACAAATCA GTCTTAGATG CTCCTTTCTT
4451 TAAGGAATTA GAGAAAGATG AACAATGTAC TGCTTGCAAT GGTATGCATT
4501 TGGTAGGCGA GAAATACAGA TACAGTGTTA CTTGTTTGAA CTTTAAATA
4551 CTCCACAAAG CAAATTTATG TTGAAAAC TAATCTAAAAC TAAACTATT
4601 ACAGTTATGT CTCTGGCTC TTTAGCTTTA GTTGATAGGC AACACCTCTT
4651 GTTCTTTTG CTCCTTCTTA CAACATTAAG GATGATAAAT AGGAACTTT
4701 ACCTTGATCC AGTTAACCTG TGCATATTCA AACAATAAAG GCTGTTTATG
4751 TAGTCAAGAT TTGCTGAA ATAAGAAATG TAGAAAAAAT TATGACTCTG
4801 TGGAGTTATT AGTATTGATT TTTATAACTA CAGCAAATCT GGCATCTTAA
4851 ACTTAAGGTC ATACCTCAAC TTCGAGGGCA ACACCTCCTG TCAAACCTGC
4901 TATGAGAGCC GTAAGAGTTA GACATAATAG TTCTCTTAAA AAATTACACA
4951 TGTAATAGAT AGGCATGCCT TAAATACACA ATATATATGT AAATGAATC
5001 ACATATATAA ATACTCAGAT ATGCCCATT TAAGGTGTAT ATATAGATAT
5051 ATATTCTCTG ATATCTATAA ATCTATATCT ATATATATCT ATATATCTAT
5101 ACAAATGAT ATTTGTCTAG GGCTTAAAGG TAAATTTACT TTAATAAATT
5151 GAATGTTATA GTTAATTTTG TTGATATTTT ATCATCATCT ATTTCTTTTT
5201 ATTCCACTAA CAGAAATTAC TGAGGCAGAG GGGTAGCTGT TCAGATTTTT
5251 AGAAAACCTT TAAGCTTTTG ATAAATATGT AGTGTGCCAT AGCCTATATC
5301 ATATAATGAC TCATCATTTG GTATACTAGA GAGAAAAAAA GACAGCAGGA
5351 AAAAGTTTC AGTCTTACTT TTATTTTCTT ATAATTCAAT GTACAATGTA
5401 CAATTCCTAA TTACTACATT TTCCTTAAACA TGAAGTTGAG TGGTTACAAA
5451 ACATTACTAA AAACAGGTTT GTATAACTTT GTAGTAATCT GGAATGAAAG
5501 CAATAGTATA CGTATCAAAC AGATAGAAAT TGTTTTTAAA GTTCTTCCCA
5551 TGTTTCTCTT ACTTTTCAAT CAGTAGTGTT GGCATACTAG AAATAGCCTA
5601 ATTGTTCTGT TGTCTTGAAA ACATTTATTG GATTGAGCTC TCACTACCCA
5651 AATGTAACCT ATGTCTTTTG AGTATCTGAT GCCAACAATC TGGACGTTTG
5701 GAATAAATTG AATGTCTGAC ATTTTCTTCC TATTGAATAT TTATTATGAT
5751 GCCAACACAG TCTATATTGT GGTAACCTCA GTGAATGTTG GTCCATCTTT
5801 GGTCAATTATG TTTTCTAGAC CATTTCAGGG ATTTTCTCAA CTCATAGAAT
5851 TTAAGTATGA CATTATCTGT GATTGCCCAA ATTGCTCAAA TACTAGGTAT
5901 ATCTTTCAGA GTGTTTTCAA GTAGGAGTTA TCTATTACAC CGCAAGTGGC
5951 GTGATGATGT TTTGAAAGTT GTGCAATGTG GGTGTGTAAA ATGATCTCAA
6001 AACACTTTAA AACAAATTTA ATAAGAATCA CAGATATGAT TAATTCCTAT
6051 TAAATTTATG AATTTCTGT ATTGAACATA TTAGTATATT GACAAATACA
6101 AATCTTTCTA TTTGAAGGAT TTTCTTGGTT ATATGCATTA AAACCTCCCT
6151 GTTTTCAGAA AGGGACTTTT GATTAGAGG ATTGTTTGGG TATAAAGAAA
6201 TTAACCTTTA GTAAAAATTT TGATTCTGTT GACTTCATTT TCAGATGTAA
6251 CTCAGTCTTC AAGGATTTGA ATATCTTTAG CGTTAACTAT AAAATCTACC

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6301 TATTTTGCTT TAATTGATAT GGAAAACATG AGAAAATGGG TCAAGCATTT
6351 TCTTTTATT TAATATTTTA AGAAATATAT TAGTTTGAAT GACCTTTTTA
6401 AACAGTGATG ACACAGTCAT ACTTGTTCG TTTGAAAGTA ATAACTTGT
6451 GTTTTGGCTG CTAGTTCAGA TAACTGGAT AGAATCTTCA GTGTGTCTTG
6501 GTTTTATTTA TATGACAACT ACAAATCAG TTAGAGCTTA TGAGATACAA
6551 ATTCTTGGAT AGTCTCATCT CTTAGAGATA AGACTACTGC CAGCTACTCT
6601 ACATTTATAA AAGCTGGAAG GAGGAAAATC AAAATCACCA ACATATTTGT
6651 TGGTTTGTTC CTCAAAGTTT CCGTAATTCG TTATTATTGA TGCCATTGAC
6701 TTTTGAGTTT CTTGATTTCT TAACTGTATA CAGTAAATGC TTCTTTTGCT
6751 TATTCTTTAT TTAGCATTTT ACAAGAATAT GAAGAGTGAT GTAATAAGCC
6801 CAATGAACAA ATTAACAAAA AGTTGATATA TTCTGTTTCC ATTTCTTCCA
6851 TTTGCTCTTA CTGGAGGAGT AAAAATACGA CCGAGGCATT ATTTTGAAAA
6901 GCTTGTTCGC TAAAGTGGCC CAGAGGCTTT ATAAGCAATT TAAACCGTG
6951 ATCTATGCAA TGAGTTCACA TTGATGCAGT TCATGGTGAA CTGCATGATC
7001 GTCATTTTGA AACACCACTT CCTACTATGC TTCTGTATGT GATTGTGCTA
7051 GGCACAATTA AACTTGCTGT TTATCAGAAT ATCAATTTT AAAAACCTAG
7101 TTATTTGCAG TAGGAATATT TGACAGCTCT TCCTTTGAGG ATTTCTATTT
7151 ACAGTTTAAG TCATTATTGC ATAAATCATC CTTGGCAGCT GTGAAGTATT
7201 GCTTGAGGTG ATAAAGCTGT AAATCTTTTG ACATAAACT CTAATTATAC
7251 AAAACTATAA TTATGCTATG ACTTATATAA GGATGGGCAT GTATTTAAT
7301 AGCATAATAC ATTCATTTAA AAACACTTTT CAGCAACAAA GATTAAAAAA
7351 TAGCAAGGAC TTCAGTTATT AACTAGTTCA TAGTTTTAGA TGATGCAAGT
7401 GGAAAGGAAA CAGAAAAAAA AAATATTTTA GTTAGCCCC ACAACTAAGT
7451 TTATCCCTCA TCTGGTTTGG AGTACATCAC GGAAGAGAGC TAGCTAGTTT
7501 AAGTGCTAAA CCCCTCAGG CATATTTACA AATGTGACTT TGACCTTAAA
7551 TTATCAAGCA ACTTTAAACA TTTGAAAAAA CAAAGTAAAT TTCTCCAGGA
7601 AAAATAAAGC TCTTTACTCA GTAGGAAAGG ATGACTTAAA ATATATTATT
7651 TTTTGAGGTC AGAGCGTTCC TGTATTTTGC CATTATGCTT TCATACACAC
7701 TATGGTAGCA ATTTTACTAA CAGATCAGAA ATGTATGGTG CTACTTTTCT
7751 TATCTTCATG CTGCTTTTAA AGAACTGAAG AATGATAAGG GACTGAGGGA
7801 AGTCCTTGCC TAATCCAGTC AGATATCAGT AGAAAGTTTC AGAGGTAGAT
7851 TTTGATTAAG TAACTCAGA AGAGGTCTTG GTTTGATAGC ATTGAATTTA
7901 CTATGTCTGA AAATTATGTG GAAAGACCTT CTAGAAACAG CTGTGTTTTT
7951 GTGAATCAAG GTGAAGATGT ATATTGAGTG CCTCCTCTCT CTCTCATGTA
8001 ATGTACCAGG CACTGTAAGA ACAGTAGGAA GAGATACAAA GGAAGATGCA
8051 ACCTGATCTC TGCTTCCAGG ACATTTGTAT TACAGAGTGA CTAATATTCA
8101 TTTCCATCCT CTAATCTCA GCTGTTTTTA TAAATTTATT TTTAATGGAA
8151 AAAGAGTATT TGGACTATGG GGTGTTAAT TGCATAGAGA ACCTGCAAAA
8201 TTTATTATTA ATTGCTATT TCCTTCTATT CCCCAAATTT AAAATAAACA
8251 TGCTTATGTG TATCTTCTTT TCACCATTGT CATGTATACA TAATAATGTA
8301 TTAAAGAAGC AATGAAGTTT AGTTAAAATT TTATTAGTAC AAACAGAAAT
8351 TTCACAAAAT TTCATAATAG CTTTATATAA GTTATATGGC ATGTAAAACA
8401 TTCAGCTCTC TTAATCTTGG GATTGTGTAG AAGAGATACA GATGGTAGCT
8451 TTTTAGACAA GAACAAAAAT ATATTTTATG TGTGTGTAAT TCAAGCAATG
8501 AGAAAGATT T CAGAGCGTA TCTTGCTTAG AGTTTGCTTG GGTGTTTATT
8551 TTAACCTTCT GTTTATACAT TTTTACATT TATTCAATAG ACTATTGCAA
8601 CAACAGTAAT CCTAAAATTC ATTTTCTCTT ATGTGCCCAA ATTTTATATC
8651 ATCTCATGGA CTTTGAATGT TATCCAGAAT TCAAATTTGA TCAGTTGTAA
8701 TTGTTGATAA AATAGGCATT CTTAAGAAAT GCTCTTCCCC ACAATTTGAA
8751 AACTATTTCA GTATTGTCCT AAGTGAAACC AAATGTCCTA AAAGTGTGGC
8801 TGAGCTTTGT TTATCAGTTA CTTTTCACCA TTCACCAACA TCACACCTCT
8851 AAGAAGCTCT GGTACCAACA AGAAGCCATG TTGTCTGCCA GCTTGAGAGA
8901 GAAATCTCTA GTTATTTTCA CACCCAAGGT GCTTGAGAAC AGGTCAAGTTT
8951 AGGACTGAAT GAACAGGATA AGTTTAAACAG GAGAACTTG CTTTACTGCG
9001 CTTCCAAAGG TTTTGGTTG GTTTGTTGGT TGGTTTTGGT TTTGTTGCTG
9051 TTGTTGTTTG GTATAAATAA TCTCTGAATC CATTGCTGGC AATCTGGCCT
9101 GCCAGGAGAG TACCCGGTTA GTTGAGCCAC AGGGAAGTAA CAGTTGGTGT
9151 ATTAAGTTTT GAGGTGTCAC CATTATCTG GGATCTATAC TAGAACTTT
9201 GGTGTCATTT TCCATTTTTC TTCATCCCTC AGCTCCCTAA AGCCAAGTGG
9251 TCACCAATC CTTTCAATCT TTACATCAGA AATATTTCTC AAATAGCATT
9301 GAGAGATATT CGAAGTGGTC TGATTAAAGC CTGCTGTCCT TCCGAAGTAT
9351 TCAAGTATCT AGTTTCTCTC CCCCAGTCCA TCCTCTACAT ACTGGGAGAG
9401 AGCTATTCCC AAAACATGAA TCACCTATGC TGATGGCTTA TTAGCGCCAA

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9451 GAATCACTGA AAGTAAATTT TATATATTAA ATAGTGGGTA CAACCATCTC
9501 ATAAAAATATA TATTCTTATT ATCTCCGTTT TGTGGAAATA ACACTGAAGC
9551 CCAGAGAGAC TGAATAATTT GCCAAATTGC ACATAGCTCA TACACAGTGG
9601 AGTCTGAGCC CTTAACAACCT TTGTCTTACT GCTACTCGAT GTACCTATAT
9651 CAGACCTCAG CTTGAAAACCT TGTTTTTCAGT CATTAAACCA GGATACTGGC
9701 TGGCTTCAGA ATTGAATTCA CTTGGGATTT CAAGTATTGT GTTGTCTTAG
9751 TCTTTTCCTA CTGTGATAAC AAAATACCTT AGAGCGGGTA ACTTATAAAA
9801 AATAGAGATT TATTTCTCAC AGTTTTGGAG GCTGGGAAGC CCAAGATCAA
9851 GGCATCAGCA GGTTCCTGGGA CTGGTGAAGG CTGGCTCTTT GCTTTCAAGA
9901 TGGCACTTTG TTGCTGTGGT CTCACATGGC AGAATGCAGA AGGCTAAAAG
9951 GGGCAGTCAG CTCTCTGAAG CCTCTTAAAG GCATTAATCC CATTGAGGAG
10001 AGTGGAGCCC ATATGACTTA ATCACATCCC AAAAGTCTAC ACTTCTTACT
10051 ACTCTCATGT TGGGGTTGAA GTTCGAATGT ATGAATGTTG AAGGAACACT
10101 ACATTCAAAC CATTATAGGT ATGTTTAGAG AAATCCAGCT GGATTCCCAG
10151 CTCTGATAAC AACTAGATGA ACTTGTTGGA GTTTACCTTC TTCATGCCCTC
10201 ACTTTTCTTT ACTGATAACT ATTTGGAGAA TATAATCTAT GTTGTTAGGC
10251 TTATTGAGTG TGTGTCATGC AATAAAGAAC GCAGCATTAT TTCTGGCATG
10301 GTTTCCATAA TGTGTCAAT AAATATCAAT TAGTTGAATA TATTGCCACC
10351 TTCATTTCTC CCACAAATCT TATGATCCAG TCATACTTGA TTGCTCAGAG
10401 TTTCTTAAAG AAGTAACATA TTTTCTTCT ACTGAGGCTC TGTTTAGTCT
10451 TTAGAAGTTT TTCTTTACCT ATAATGAATA TTTCAAAGAC TTTCTAAATG
10501 GATTGCCCTT CTCTCAGCTT CTCACCCGAA AGAAACCATC ATCGTCCTTT
10551 CAAAGACAGA TCAAAGACT TCTCTGTGAA ATCCTTCCTG ATGTTCCCAC
10601 TATCTGCACT TCTGTCTCCT CATAGCACTT GGTTCAGGC TCCAGGGTAG
10651 CCTCTGAAGA GTGCTCCTTG TTATTACGCA TTATTGTAGT TAATTTAGTC
10701 TATTTTTAGC TTATTCAGAG AAAACACCAA GTCTTATTAA TTTCTGTGTC
10751 CAGGATATAT GGAAGGGTAA CTAGTACGAA GTGAGTGCAC TGTAGTATT
10801 TACTTAAAGA ATGAAGAGAA GATGAAAAAT GGTACCATGC AGTTAGAAAA
10851 AAAAAAAAAA CAGATAAAGT TAACAAGATC TGGGGGAAAG TGTGTTATAG
10901 GAAAAGTGTA ATGCTTTGTT TTTTTTTCAT TTTCTTAAGA ACACTTCTAA
10951 AATATTAAAA ACAATTTTTA CCATAATTTT ATTAATGGCT ATATGTTTTG
11001 TTTAGTAATC TAAGATATTA AATCATCTTC ATAGCCTGAA ACTATATGAA
11051 TATGAATAGC TAGAAAAATA TTTAGTGAAC AGTTGGAATC TACTCACCAG
11101 AAATTATTAA CCTGTTACCT AAGTGTCACT CACTTGCTAC CCCACCAATG
11151 ACTTACCAGT GTCTCCAACA ATCTCTAATA GCCCAAACCA GAGTTTTCTT
11201 CTGTTCTTTT CTAACCTGAT TTCATTGCTG TGGTTGGCAC AATTATACAA
11251 CCAACTGAAT ATGTTACACA CTCTATTGGC ATTTTATATC TAGTGCAACT
11301 ATTTATCCCT CCATGTTTTT TGGAAAATC TTAATCAGTA ATGAAGCTTG
11351 ATTTTCAGAT TATACAATAA TGGCAATTGA AAATGTAAAA TGATAAAGTT
11401 AGCTGATTAA TCATTAATTA TTATAATTGC CAAGTGAATA TTTTCTCTCT
11451 CTTTACTGTG CTGTCTGCAT TTAGCAATAG TACTGAACTA CCAAGAAGCA
11501 ACAGAGTCAG GTAGCTATAA GGCACATAAT ATAGTAGTGA GGAAATACGT
11551 CTTATTACTG AACAAATTAAG AAAGTTAATG GGTATGAGA AAACAGAATT
11601 CCAGGTTCTC ATGGCTGTGA CTGAATATTC CATAATCTCT GCCTCATCCT
11651 CCTTTAATTT ACATGAAATA TCTAATTAAG AAAAGCAATG GGCTCTTTCC
11701 ATGATAGCCT GAATCATGGC TGAGGCGTCT TCTATGACTT TTCCCAAGTT
11751 AAAGTAGGCC TGCTTGTGTG CAAACTTGTC CTTTTCATGA TTCCCACTGT
11801 TTTGTAGAAT GTCTCACACT ACTTTTTACT CAGAAAATGG GTAAAAACAG
11851 CTGTGGCTGG TGCTCAGTGG GCAGGAATTC AAGGGAGGAG TGAGAGAGGA
11901 CTGTGGGTAC ATTTCTGCCT TTAGTTGGCT CATTTTGTAA AATGATCTCA
11951 AACTAGACTC TGCCGGGCAG AATGTGTGAG GTTCCCTGAG CCACGTGGCT
12001 TTTGCTTACC TGCACTTTCT TTCCAGATGA GTCAGAATAC AGTGTAACAG
12051 CAAGTGGACT TTCACCATTG TGGGTTTTAT TGTTTCCTTT TTCTGTTTTT
12101 ATTTTGTTCC TTCTCTCTTT TTTTGAGATC TTTAGGAGTG TTTTATGTA
12151 TCATTCTTTC TTAATTTTGA TAGGACATTA ATTCCTTTGC ATTTTGTGAA
12201 ATATTGATTG TGAGAAAAAT GTAATAACTG CATGAGTTCA AGACAAGTTA
12251 AAATGTCTGT TGCCCATCAT GTAGATTATT GTCCTTTAGC CTCAAAACAC
12301 TCTTCTTACT TATATTTAGT GAAGTCTGTA TCAATGACTT AAGATGATGA
12351 GCATGATGAT AAAAAATAAA ATACAAACTA GTGGTGGTTT TATAACAAGT
12401 AACAAAGAAC AAGTAATAAA TAAAAATCCA TTTGTGCTAA AAAAGATCAC
12451 ATGTTGTAAAC ATAATCTTAA GGTATTTGCA TATACTAAGA TTATATCAAT
12501 TGGACAAAAT CAATGTTAGA GCTATGCAAG GTTGCATGGT GTGTGAATAT
12551 TTTTTAATGA AGTTTCTGTT TACCTCTTAG CTAAATCCAT TAAAATTTCT

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12601 TCTGGGTTTG CTAAAAAGTC TATATACACT ATCTGTTTTC TTTAATAATA
12651 ATAGTAATCA TTTGATCTTT AGCCGTACAT TTATTCAAGG GGTTFACATG
12701 CAACAGATGT GCTCTTCAGA TTTTAATTTT TGTGGTTGTA TGCAATGGAC
12751 ACCAGCCCTC TACTCAGGAT AGCTCTTCTC CCAAAGGTCT AACATTGAGT
12801 TCCAACCTCG TGACTGGTTC TTCATATAAA TTGCTTTCAG TGATTTTCAT
12851 GACAGCTTTG GGAGCAGACG TTATCCCAT TACAGATAA GTTAAATTGA
12901 GGTTCAAGAG AGTTAAGTAC TAATGATCAC AGAGCAATGT GGAAATGTGG
12951 TTTACAATTT ACATTTATCT ATACTTGCAA ACTCTACCAC ATTGCCTCCA
13001 AATGATACAC CTCTTAAACC TCAACCTACT CTATTCTGTA TTTCTAGTT
13051 CCAGTCTTA AACATAGATT CTATTGATTA TCCAAGGTTT AAATCTGGTT
13101 AACTTAATTC ACATCAAAGA GTGAATAAAG CATGGCATT TGCATTTTAA
13151 ACAGAACCTT ATCAATCAAA ATGAATATCA GGCAGAGTGT TAGATTTTAG
13201 TAGAATGAGG ATAGCTAGTA TATGCTTATA ATCTGCATCA TTTTAAATGG
13251 CATTCCTTT TACTCTTAAA ATGTCCCAGT TTTGGACTAT ATATTGTATG
13301 ACTGACTTAG ATTTTGGGGG CATTTTGGT TAAGGGCCCC TCAGTTACTA
13351 TATGTCTAGT CTTTATCCAC ATAGTCAGGT AGAAAATTCA TGGAGTATTT
13401 TGATTAGTA GCAGGGACAT ACATGGTGTC CTTTTCCCT CTCCTTCCCA
13451 CAAGAAAGTT TATTTCCTG GCAAGATTAT GTGATGTAAC AAAATTCACC
13501 ACTAGTATTT TAAAGGGAAA GCATAAATAT ACTGTGTGGA GAGCGTCTGG
13551 TTTATTTAAA ATGCTCCAA TTTCTACAT CTTGAGCCAA ATGTCAGACT
13601 CACTTCCTGT TACACAGCCT ACTATCTTAT TTCCCTGAGC TCCTCCTAAA
13651 GGCTGTCATC CTCAGGACTC CTCCCTTTAA CCACTGGGTT TCTTCTCCT
13701 GAGATAGCCT TAATGTCCCC TCCCTGAACC CTTTCATCAAC TCTCCTCCAC
13751 TTTTAAAGCAA ATCTGTATG GCTTCAATCT CAGCTCATTT CTAAGGTCTC
13801 TAAGTCCCTC AGGCAGCCTT CTCCACATTT CTCATGTGTT TTCCTTTTCT
13851 CTATTGGAAC ACTTATGAAA TTGTGTTGTA GTAATTTGTT TCTATGCTG
13901 TCTTTCCAC TCCATGTTGA ACATTTTGAA GGGACTTAT AAGGCAGTTA
13951 TTA AAAAGTA GAAGAAATGG GAGAGCAAAG AACAGACTTA CGAGAACCCA
14001 GCAATACACC CATTTACAGA TGAATATCTG TGAAAGGTGT CAGAGTCTGG
14051 AAAGATATCA TTCATTCATG CATTACCAT CTTGTGTTG TCATTTTGCT
14101 GCTATGAGAA TGGTGAAAT CAATCTCTAA CATTGTTTAT TAAGTGAAG
14151 ATTAATTATT AACTTGCTGC CATATGGTTT ACATATTATA AAGCAATGTA
14201 TTCTAATACT TAATAACCTG TAACTCATTA TAAAAAGACA TAACAAATCA
14251 CTCTTCTTAG TTAGCCTAGA AGGAAAAGG TGAATGGTCA GAAGAGTTCA
14301 GATAGATCCC TGATGCCAAC ACAGTTGACT GATTCTGATG GAACATCCAC
14351 AAGTTCAATA AAAGGAAAAA TATCTCTACA TGTTCTCATA ATAATATAAG
14401 CATGTTTACA AACCATCCCA GCCCTCCCTG GATCTCCTCA GTTAAATACA
14451 CATGACAAAA TACTTATAAA ACCTTGCAAT TATGCTGATG TATTTTCTG
14501 CTATCTTCT CTACACATTG GAAGCAGCTT CATACTTACA CTGGTCCAC
14551 AGCACATTTA ATCTTTTTT CCAAACCTTG GGTGATGGGT TGAGATTGTA
14601 AGGCCTGTAT GATATCAGAA GACACTTCAT CAGTCACATG CTGATACAGG
14651 ATTTACCAC TTCAACAAGG ACTTATATCT CTACTCTCTG TCTCTGTCAA
14701 AGTGATTTAA CCTCACTGTT GAAACATTAG AAAATACAGA GAGAAAATAG
14751 AAAAAAACC ATAATCTTAA TACTAACAGA TATCCACTGT TACAATGATG
14801 GCTTGATAGT CAGCTATAAT TTTTCTACAC AAATACACAC ATGTGAGCAT
14851 TCATGCATGT TTTTACAAG ACCAGGGCAG CACTATATGT ATCACAGCTT
14901 GTAGCTTGTT TTCCTCACTG AGAAATTTCT GCTGAACATG CATATTTTTT
14951 TAATGATTAC ATAAATTTT TACACAGACC ATAATTGTTT TAATATCCAC
15001 AGAATATTAC CAACAATTAT TACTTAATAA TAATTGAGCA CTTGACTATT
15051 TCTAATTTT TACTGTTGTA CAAATGTACC AAAAGTCTGT TCAACCATCT
15101 TGACCACCTG TACTTTTTT CTTACTAAAT AGTCCTAGAA GTATAATTAC
15151 TGCATAACAG TATGCTATC TTAACCTTT TGAAATCTCT TGTCAAATTA
15201 TAACAGCAAA AAGGTATATA TTTAACTGCA CATTTTATGT GTCCAATAAA
15251 ACTTAGCATT CTTTTTAATT TTTGTTGATC TAGTAGAAAG AGTACCTTAT
15301 TGTCTGATCA CTAAATGTGA TCCAATTCAA TTTTGTGTA AATTTGTTGA
15351 ATTTTGTAA TCAAATTTA TTGAAAACA CATGTAGAAA ATATTTGAGG
15401 CAATTTATTT TCCCATTA AAACATGCT AAGTATTTG AAACCTAGGG
15451 AGCAATGAGG ATCTCTGAA TAGCTGAGTA TCCTCGCTGG ATGCCCCACT
15501 TCACACCAGC TCTCAGTATT TAAAACTGA TCTTCACATT CACATTTTCA
15551 TTTAGTAAT TTGCTGGCAT TTTTCCAAAC CTCAGATTCA GAAACTGATA
15601 CCAAGTCTTT ACTATTTAAA TAATTTACTA TTTAAAGTT CAAACACTCC
15651 TTGAATTTT CCTCCTTCT ATGTGGAATA AGTTGGATTT TAAGTTATTT
15701 TCAGTATTTT TTATATATTT CAATATTTCT TATTTATTAT CTAATATATC

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15751 CATAATGAAA ATTATAACTA ATGAAAGAGC TTTTCTTCAG TAGTTTTTAT
15801 TTGAATATAC ATATATACAT TGAGATTAAA ATATACTCTC TCCCTCTCTC
15851 TCTACATATA TATATATAGT TTTGCTGAGA TGCAAACCTGA TGGCCAGGAA
15901 AGTTAGCAAA GTCATAATAA ATAAACAATC TTCTAGGATA TCATGTAACA
15951 GAAGTGAAAT TCACCTTATGA AATGCCACTT ATAGTGACAT CAAATGCTCA
16001 AAATTACATA TGATACGTGA GGAAAGATAT AAGCAACAGA ATTATAACAC
16051 AGTATCAGAT AAAGTGTCTAA ATTTATTCCA ATATAATAGT ATTGAAATGA
16101 ATGTAGGGAA AGATTATTCT CTTCCTAGGC TGCCTTATTT AACCAAGACC
16151 TGCAGAGCTC TGGTAATCTG ATCTTTCTAG CTGTGACTCA ATTGTCAGGT
16201 CTTCCCTCCA GGTGTTCTTT ATAATGAATG TCACTTAACC AAGGCTCAGT
16251 AGGATTATATG GATTCCCAGA TTGCTGTTCT CAGAATTTGC CCCCCAATGA
16301 AGGACTACAC AAAAATGCCA TTAATGATGC ACAACCTCAA CTGTCCTATT
16351 AGCTGGCAGC TATTCAATCG AAAATTGCAG AACTTGTTTC TTTGCAGGTC
16401 ATGTTTTCCAG AGTAAAGCAGA AGGTGTCCTA GTGAAATGTC ATACCCACCA
16451 ACATTCTTTA TTTTAAATAT ACTCACTGTG TATAGTGTGA GTTACACAAT
16501 ATTTTGTCTT AATTACTGGC TGCCCCAATA ACTTCAATGA TGAATTTTTC
16551 TCTGAAGAAT ACTTCATCTC AAAGAGTTAA TACTTTTTGT TATTAATCTA
16601 AACTTTTTGA AAATATCAAG AATGCCGATT ACAGCCTTTA AATCTTTACC
16651 AAGTAAGATT TTATAATATC ATTCGTGATT TTTCTTCAAT ATTAGAAAAT
16701 AAAACTAAAT GTTGGCAGAG CTAATGCTCT GCTACAGAAA TGAAAATTAA
16751 TTTTCGAGTG AAAAGAATAA AGTATTTTCA TAGGTACTTC TTATATGGCA
16801 ATTAAAAAAT AACTGGTAAC ATCTAAATTT TCTTTTCCAG AAGGTAATTA
16851 GAGATTTTAG TTAGACTGTC AGCATTTAAA AATCTATAAA TTTAAATAT
16901 AAAGAATGAA GATGAAGCCT GCTCTTTTAA CCACTTTAGT TGGATGGTGA
16951 AATTCCTGGA AAAGACAAAA GAAATCTCAG GCATTGAATT TTCATTCCAG
17001 CAGAAGTTAT GTGTGCTAAC TTCTGTTAAA GATTCCAAGA AACATGGACT
17051 AAAAAAGACC AGAGACTTTT TCTAAAAGTA ATGACATTAT TATACTATGA
17101 AGTGTAAATA AGACTATGTT ATAGTATAAC CAGGCAGGGC CTTCTTGCCA
17151 CTAATCTTGT TGTCTTAGAA ATGGAATAAT CAACCCCTCC TCATTACCAC
17201 ACCCACTTTA ACTATAACTC AAGGCAGAAA TCAGATCCTG GAATTTTTAA
17251 ATTTTGTGTTG ATTTTAGTTT CTTTATTTTA CATTCATGAA CACTAGTATC
17301 TTGCTAATTA TTTCAAGGAT TGGGCTAAAT TATTCTGTGG CAACATATGA
17351 AATTCGTGTA TTAGAGATAA TTAATAATA GAGTGTGGTT TGAACATTTT
17401 AAATAATAGT ACTAATAAGT ATCATTGAGC ACTTACAATG TGAATATACT
17451 CTTCTAAAT CTTTTTTTTT TCAATTTTGA GCATATCCGA AGACATAGAT
17501 ATTTTATGTT TCTCATTTAC AAATTGAAAA GATGAAGTTC AATAACTTCC
17551 TCAACACTGC AAAAGTAGTA CATAGCAGCT ACCATCTGAG TGCAGACTGT
17601 CTTCTTTTAG AGCCTGTGTG CTCAGCACTC TACTGTACCA CCTCACCAT
17651 CTCCTGTTCA CGTAGATACA ATGACACACT CACTACACAC ATATGTGGAG
17701 TCAGGTCTCC CCTTGATGCA AAGTGTGAAA TGTTCCTGGA TTTTAGGCAT
17751 TTAAATGTTT TAATCTTGGA GGCTTGTAAT CTTCTTTCCT TAAATGCAAT
17801 TAAACATCTG CCTCCAGCTG TACAGGAGTG CGGGCTTGTG CCTTTGACAC
17851 CTCATCCTTA TTCTCCTTTA GAAGCAACAG GCATTATAAT ACCTGTGTTT
17901 CCCATGCACT GTAGGTTTAA AAAACCATTG CTATAGGATG ATCTGATTAA
17951 CATGGCTTCT GGAGGGTTTT AGAAATAATT TAAATTCACC TCTGTTTCCC
18001 ACAATTCCTT GCACAGAGTA GCTGCTCAAT AAATAGTTTC TTTAAATAAT
18051 TGAATGAATT GAAACATTAG ACACATTCTC TTAACCAAGT TTCCGTTTGA
18101 TCTATTAGTT ACTTCTTTGA TAAAGTAAA GTAGTTCCTT ACCTGTTTGA
18151 AAGGGATGAT AAGGAGGGAG CATAGTCTAA TGTTCATAT TGTGAACACT
18201 GGAGTCATGT TGCCTAGGTC CAAATCTGGA ACATACACAT TGTGTGATAT
18251 GTTACCTTTC TGCCCTGTCC TCACTTTCTT CATCAGTGGA AATGGAATA
18301 TGATTATAAT AGAACCTATC TTATTAGCTT TTGTGAGGAC CGTGTTTACA
18351 TTTGTAAAAG CACTTAAAC AGCTCCAGGT ACCCAGTAAA TGCAATAGAA
18401 GTGCTAAATA AAATAATTTA AAAATGTGAT AAGGAATTGG GTTTAAATA
18451 CATATTAAGT TGATATGCCT ATTGAGTGTC GTGCTCAAAA TGAAGTTTGC
18501 ACCACATCT GTGGCTGAGT AAAATAATGT AAAACAAATT TTTACATCAT
18551 AGGTCAAAGA AGAAATTAGC AGCGGTTTTT GAAAATTTAA AATGTAAAT
18601 TTTAGGGGCT TTATTGTGGA GATTATGGCC TCAATCAAAT TCTGGACAAT
18651 TTAATTTGTT TTTAATTTTG AACACTGAAA CTCAATTTAG GTGTGGCTAT
18701 ATTGAAAATA TCAGCAGTTT GGACAACCTG GACTCCAGT TTCTCTGTGT
18751 ACAGCTGTCT TTCAGCTATA TTAACAACAT TTCAGTATGG TGTTCAGAA
18801 ACCACTGTGT CTGAAAGTAA AAGTTCCTCA ATTCACACAG TGAGGTGTAA
18851 ACTCAGTCCA AACTCCACT CCCCAGGATT TAGTGAGAAC CAAGATAAAT

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18901 TGTATTGAAA GTAAAGATGT AAAAATAATT GTAAACCTAT CTTTGAAGA
18951 AAGTATGTAG ATGTAAATGT CCAAATATAA GCACCACAGT TAAGGTGATC
19001 GTATGATTTA TTATCCAAAG CAAGATTCTT TTTAAAGTGA AAGAAGAAAG
19051 TTTTACAAA TTGTACCAAG GGGATAGGAA AAAACCAGGA CTGTTCCAGG
19101 CAAACTGGAT ATGTAGACAC TCTGAATACA AACTATATCT GACATTTTTC
19151 AAAATGTATG CCATTCTACA GTACAGAGTT TTCATGAACA TTTTGTAGGC
19201 TTTCCAAACC AGTGAGTTTA AAAATGTAGC CACTCATTCT TGTGATGCCT
19251 AAAATGTTTA CTGTGTAGAC AAAGACAGTA TCTTGCAATC TGGAGAAATG
19301 AGTCAGAATT CCTCTAAAGA ATAAATGGCA CCTTCTGACC TCTTCAAAT
19351 AAGACTGCCA ACCAATCCCT CTGTAAATTC CATGTTGAAG GTTCTTAGTA
19401 AAGAGAATTA ACCTTAACCG TTTTGTGAAC CATAGTAAGT CATGAGCACA
19451 GCAATGGACT AAAGGTAAAA AGATTGAATT CATTGTTGAA TGGCAACAGT
19501 CCCTTACAAG GTATCTTTGA CTTTGTAAAG GATGTTTATC TTGGAATCTG
19551 TTAAAGTGTG GGTGTGGATA GGGTATGTGT AGAACCATT TTTCTTTCT
19601 GGA CTCTCCA TTAGGCCCTTA GTTATATGTG TTAGTCTATT TGTAAATCCAG
19651 TGATAAAATT AGCCTTGTAT TGTGTGTAAC CTTTGTGTG TAAAAGGTGT
19701 TTATTAAAGTA GGAGGGACAC CCCTGAAAAA GCTGGGGCTG CTAGCATTAA
19751 AGCAGCAAGT TATTAACATT CTAATAAAAA CAATAAAAAA TAATGAATTA
19801 ATTCAGATTT GTAATATAAA GTAAATTCAT TAGTTCTCAT GTATTTAAGT
19851 AGAAAATGAT GTCTTCAAAT TTCAAGAGAA AAGTGCAGAT ATCAAAAAAT
19901 CAAAATTAAG GAATAAGAAA TTATTTCTCA GAGGAAAGTT AAAGGAAAGT
19951 GATATAGCTG GTATACTCAT ATTTGTATTT TTGCAGATCT AATACAAACA
20001 TAAGGGAAAT TATCTTTGTG AAAATTGAGT TTGTAAGCAA ATTTAGCTTT
20051 TGCAGAGTTA CAATCCAAGA AAGAAAAAGA AAGAAAGAAA GAAAACACAA
20101 GTTAGCCACT ATATATCTTC TCCCTTCCT TCCCTTGCAG ATTCAACTAA
20151 CTTTTCTTT TAAATTACCC TTGAATGTTG AGGTCATTGT ATGTGATGAA
20201 ATAGTACCAA GAAGATGCAG GCAAAGTCAA TGGAGGTATA AGGAATTATA
20251 CCTTTCACAC CTAATTGCCT ATTTTCCTGT TGACTTATGG TGTACCCTTC
20301 ATTTTGTATT TGTTCACTGA AAGTTTATGG AATAGGCTGT GCGTGGTGGC
20351 TCACGCCTGT AATCCAGCA GTTTTGGGAG GCTGAGGCAG GCGGATCACG
20401 AGGTCAGGAG ATGGAGACCA TCCTGGCTAA CACAGTGAAC CCCCCTCTCT
20451 ACTAAAGACA CACACACACA CACACACACA CACACACACA CACACACACA
20501 AGATTAGCCG GCGTGGTGC TGGGCGCCTG TAATCCAGC TACTCCTGAG
20551 GCTGAGGCAG GAGAATGGCG TGAACCCAGG AGGCGGAATT TGCAGTGAGC
20601 TGAGATAGCG CCACTGCACT CCAGCCTGGG CGACAGGGCG AGACTCCACC
20651 TCAAAAAAAA AAAAAAGTTT ATGGAATAAA GAAATACCCG
20701 AACAAACACA CTGTAGAATT TATGTAATGT GTGGGGATGG ACATTGCATT
20751 ATTTGGGTG CTTATATTG CAGCTGAAAA ATATTGTATT TTTCTTTTG
20801 ATGAACFAAG TGTATACAAA AACCACAAA AATAAACAA AATCCAAAAA
20851 ACAGCAATA GGCTTTCATT CGGAATTATT TTCAGTTAG CCTTGTGAA
20901 TATTATTAGA AAAGAATAGC ACATTATACT CTTAGTTTAG GAGCCATTTA
20951 TTCTTGTCA CTACTCTGCC TTTTCCCCCA ACTCTTTATT CTAGGGAAAT
21001 ATTGTCTGTC CTCCAACTA AGCATAACAA GCCAAGGAGT GTAGAAATCC
21051 TTAGCAACT AAAAGAAAAT CTGTCTTCA AGTGGCAACC AGATTAGCAT
21101 GGTCTTCTT AAATTACAGG AAGGAATGAT CCATATACCT AAATTTACTA
21151 GTATCATTTT AATTAAAATT TCTATTTCAA AAAATACTCT GACCTACAGA
21201 AGAGTTGCAA ACATATTACA ATGAACCTC CTATAACCTT CGAGTAGATT
21251 CAGCTATGT TTATAAGTTG CCTCATTTGC TTTAGGGTGC TGCACATTTT
21301 GTCTGTGTCA TCTATGTGTA TACACATTGC TATTTTATAT CACTTATTT
21351 ATTTTGTG GCACTTTGAA TTTATTGCA CAGTTACAGA CCCTTCATT
21401 TTAAATGCTT CAATATTTTA TTTTCTAATA ATAAGGAAAT TCTTTAATAT
21451 AACCACAACT TAATTATTCA GGCAATGTTA CAAGGATACA ATACTATTAT
21501 CTAATAGACT CTATAAATTT TTCCAATTC CTCATATTGT CCTTTAGATC
21551 ATTTGTTTTT AACAGTTCAG GATTAAAGCA GTATCATACT GTAGTTTGT
21601 GGCATGTC TCCTTCTCC TTTAATCTGG ATTACTTATG CAGCTCTTCT
21651 TGTCTTTCAT GACATTGATA TTCTTTAAGG GTACAGGTTT ATGTTTTGT
21701 AGAATGTTCA ATTTGATTT GTTTGATGAA TCCTCTTGAT GTGATTTAAG
21751 TTGTAGATTT TCATCAGGTT TAATAAATAA GTCATGTGTC CACTTTGAG
21801 CATCACTAGA AGCACTTGAT GCTGGTTTGC CCCATAATTG GTGGGGTTAA
21851 CTTTGGTCC FTGCCGTGCC ATGTTTTTACA TGTTGTGAAA AAAACTTGAA
21901 AAATGAAAT TAACAATACC CTGTAAATAG CACCAATAGA ATAAGTTGGA
21951 CAAAATGTG CAGACTTAT ATCATAAAT AATCATAAAC ATGGCTAAGA
22001 GAAGTTAAAG GAGAAATAGT CCATATTCAT GAATTGGAAC TTGAAATATT

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22051 GAAAAGATGT CCAGTCTTCC CAAATTGATC TGCAATCTTT ACCAAAATTA
22101 TAGCAGACTA AAAGTCATTC AAAAATTTGT ATAAAAATGG AAAGAATCTA
22151 GAATAACCCA AAGAAACATG GAAAAGACA CAATTGAAG ACTCAAGGCA
22201 CCTCATTTTA AGAATTACTG TAAAGCCATA GTAATGATAA CAGTTTGATA
22251 TCAGCATAAT ATAAATAAAT AATAATCAAT GGGACAGGAT AAGTCCAAAA
22301 ATAGATCCAC ACATATATGA TTTAATTTTT GACAAAAGCAC CAAAGTAAGT
22351 CTTTTCAACA AATGAGCTAG ATTAAGTGA AAAATATATG AGAATAAATA
22401 AATATTGACC CCTGCATTAT ACTGTGTACA AAAATTAATT TGATTTAGAT
22451 TACATACTTA AATATAAAAG CTAAAATTAT AAATTTTTGA GATATAAACA
22501 AAAATATCTT TGTAAGTGTG AGCAAGTAAA TATTACAAAG AAAGAATACA
22551 AAAGGCACTA ACTATAAGAA TAAAAAATAA TGAATATGAC ATCATCAAAA
22601 TTA AAAACTG ATACACTGCA AAGCATTCCA TTAAGAAAAT AAAAACTGTA
22651 TATATGTATA TACACAGTTT CCATTAAGAA AATAAAAACT GATACAGACT
22701 GACAGATAAT ATTTAATACA TTTATTTGAC AAAGAAATTG TTTTCTACAG
22751 GTATGTACAT ATATATTAAT TATGTCCATA TCTCTCTGTA TATACATATA
22801 TGTGTGTGTC TACAATCAGT AATGAAAAGA CAACCCAAAT AAAACAGAT
22851 GTAAGAGGCT TATGTAGACA CTCCACCAAG GAAAGATACA CAATGGGCAA
22901 TAAGCATATG AAAGTGAAG TATAATTTAA AGTTAAGATG CTATTAGCAC
22951 CCACTAGAAT AGGTAAAATT GAAAAGACTG AGAACACCAA ATGTTGGTGA
23001 AGATGTGGAG CAACGGAGAC TCATGTATTG CCAGTGAGAT TAAAAAATGA
23051 CATAAACATT TGAAATACTG TATACTGTTT CATTATAAAG GTAAATATAC
23101 ATCTATATGG CCCAGCAATT TCTCTCTAG GTCTGTATCT AAGAAAAATG
23151 AAAATATATG TCCACAAATG ATTTATATGA AATATTTATA GTGGTTTCA
23201 TTTATAATAG CCTAAATCTG GAAACAACCT AAAAGTCTAT CATCAGCAGG
23251 TTAATAGATA AATTAAGTTG TGGTGTAGCC AGACAATGGT ACACCAATCA
23301 ATAATAAAGA AAAATAAACT ATTGATATAA AAAATGCATG ATTTCCAAAA
23351 ACATGTTGAG CAAAAAATGC CAGAAACAAA AGAATGCGCA TTGCATATCT
23401 CTAATTACAT AAAGCTCAAG ATTAGGCAAA ACTAACTAT GGTGATATAA
23451 ATCAAAACAG TAGTTGCCTC TAGGACGGGG GGTAAAGGAT TGACTAGAAG
23501 AGAACACACA AGAATTTTGG GGAATGAAGG CATATTCTAC ATCTTGATTG
23551 GGTATTGATT ACTTGAGTCT ATGCATTGGT TCAAATCTAA CACATTGTAT
23601 AAATTTGCAT TTCCTGTCT GTGAACCTTC ACTCCATAAG ATCACTGTTT
23651 ACTTTCAGGG CCAGATTTTT TCTTCTATAA CCACATGATC ATTACCCAGA
23701 CCTAGTAAAG CAAATAAATG CGTATAAAGG AAAATACATT CTTGAAATTC
23751 TGGGCTTTTA CTTTTATATA TAGGAAAATT GGCTTGTTAT TAATATTCTG
23801 TTAGTTGAAT TTTCATTATA GCAGTTTACA ATTCATTCTT GTATTTTAA
23851 AAAAAATTTT CAACATTGAA AGATACTAGA AATATCCTGA TATAGTAGAC
23901 AGGATTTATT TTCATGATTT AGGAAATCAG GGCTACTCAT ACTGATAAGC
23951 CATTGTTTTA GTTTATTTTT CCCACTTTCC TTTCATATTT TAGCAACATC
24001 TCAAAACAAAC TAAATCTATT GTTACACGTT GGCATATTTA CTATCCACAC
24051 TTATTTCTTA TAGCAGTGGT GAATCAGAAT TTTAATCAA GTATTTTCATC
24101 CTCTTAAAC TATATCTAAA CTAATTGCAT TTAATCTTT CCTATATTAG
24151 GAGGTGATGT ATCAAGTTTT GATTAGGGGC ATTATTTTTA TTCTTAAGTG
24201 GCAAATAGAT CTTCAATAGT CTCTGAGCCC TCAGGGTAGG GTACTTCTA
24251 TTGATTTGCT GTTTGTAATT TCCACTTCTA TTAGGGAAAG GGCAGAAATG
24301 ACCATTTTAA TGAAAGTCAA TTTTCTTTG ATACAGATTT CAAACTAAAA
24351 CAAAACACAT AGTCAGTGAA GAAAGGAAAC TGAAATGATC GGAATGTAAG
24401 GCAGATTTCT TTCTTTCTTT GTCTTTTTTT TTTTTTTTTT TTTTTTTTTG
24451 AGATGGAGTT TCACTCTGTG TGCCAGGCT GGAGTGCAAT GGCACGATCT
24501 CGGCTCACCT CAATCTCTGC CTCCTGGATT CAAGTGATTC TCCTGCCTCA
24551 GCCTCCTGAG TAGCTGGGAT TACAGGCATG CGCCACCACA ACCGGCTAAT
24601 TTTGGGTTTT TAGTAGAGAT GGGTTTCTCC ATGTTGGCCA GGCTGGTCTC
24651 GAACTCCGA CCTCAGGTGA TCTGCCGCC TTGGCTCCC AAAGTGCTGG
24701 GATTATAGGT GTGGGCCACT GCACCCTGCC GTAAGGCAGA TTTCTAAGTA
24751 AATTTTTTTA AACTGGAGGA TGAGGTATG AGGAAATCTA ATTATGTAAT
24801 CCAAAGATA CATGTGTGCT ACTTATGTGG TCAGATGGAT CTCTTCTCA
24851 CCATAATCCT GAAATTTAGA TGTCAAGACT TTGTTGGAAG ACTGAAAGAA
24901 AGCATGTTTA AGTGTATGGT TAACTGGGA TTAATATGGC TGTGCCAAG
24951 AGGTGGTACT GGTGTATTT ATAAATACGT TTTAAAAGAA AAGTTGATTT
25001 GTGGCTGCTA GAGCTGAGAC AAGCATATCT GAGATGCACA ATTAACATTT
25051 TATTGACTTT TGAGACTGAC ATAACTGTC TTCCTCAGTG TTTGTCTGCC
25101 CCTTGCCTTC CAGTCTGTGT AACCCATCAG GGCTTCTGA CCCAGGTTTT
25151 ATTGTTTCTC ACTTTCTTTT ATTCTTTATG TTAATAGCT TCAAAATCAA

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25201 TTCAAAATCA CATCTAAAC CTAAGTGCACA TACAGTTGCA TTACTTCATA
 25251 AGATTTTTAT AATGACAGAA TGTTTACTCA TAAGGAGTGC TTGAAGTGC
 25301 TCCTAATTAT TGTGTTATGT GATAAGCCAT TATAGCTTAT TGAACACATA
 25351 TTTATGTTTT TGTGGGAAAA AACATGTCTC ATTTTTTAAT ATTACTCTGA
 25401 TTACTTATAT CTATTTGTAA TCTTTAAAGC TTCCCTAGTT TCAATAGAAG
 25451 GCTAAGTTTT AATAATTCTT TTCCTCCTAT TATAAACAGC CAGAATGTTT
 25501 AGAATAAGTT GAGGGGTAAA TATATCTTCT CCTTTATACT GAACATTAGA
 25551 TTAAGATGTG TGGTCTTTAA ATTTGAAATA TTTGAAGAGG TTACTTATTT
 25601 TATGAAAAAA ATATGACTCT TGGAGTAAAA AGACAAAGTT CATATTTGTT
 25651 ACTTAGTTAT TGGGGGAGGC AAAGTAACAG ACAATGTCAG AGGCAGAAAA
 25701 AAGGGGAGGA GGAATTCAAA TGTAGGAAAA CAAAACCTG AGGTGTAAGG
 25751 AAAATAAGTA TGTGGTCTTA GAGTGGAGAG TGAGTAGATA GGAAACTGC
 25801 TTCAAATTTT CCTAATGACA GACTTAGTAG AAGGCTTGGA ATAATAGAAG
 25851 AATATTTAAA AAGCAGTAAC AACAAACAACA AAAAAAGAC TGCTGCTCAC
 25901 CCCCTCCAAA AGAGAGCATG CCAGTGAAAT CTCTGACAAG CATAAGTTCA
 25951 AGAGGGTTAT CTGAAGCTAG ACACCATGAT CGTAGAAGGA TGAGTTCTTC
 26001 GGTGTGAAGA ATATTTATTC CTTGGATCTG TTTACTGTTC TATTTGGAGC
 26051 TGAGGCGAGA GTGATGAATA ATTGATAGCA GGACACCCTA ATAGTCTCTG
 26101 TAACAAAGGC AGAAGTGTCT GAATTCATTA CATCTTATTG TGTGAGAATC
 26151 ATATATTGAC AGTTACACAG ATGAAAGAGC TCCCCTCTG TAGATAACAA
 26201 GTCTTTGTTT CAAACGACAG ATTTACTTTT CCAGAAGTAG AAGCGAAGAC
 26251 TTGAGGCCTA TTTTGCTTC CACACCTTGT CTCATTGATG AAGTAACTAG
 26301 ATTAAGCCTC ATGGAAAACA AGATAACAAT AATGGCATT CCATCCTTGA
 26351 GTCATTGAA AACAATATTA TCTAAAGATG AAATGCTGCA GAATCACAAA
 26401 ATTTTAAGAT GATAAGGAAT TAGAATCATC TATTATGTTT TCTAGGAAGT
 26451 GTGCCAATGG ATTCTGGCCC AGAGTAGCTG CCTCCCAAAT GCCACCTGAC
 26501 TAACCAACTT TCTGCAAAAC CTACTTGTTAT ATCTGCCACT TTCCCTCCCT
 26551 TTTCTACCTC CTACTTCCTC TTCTCCTTCT TTTCTTTCAA CAGCCTTTAT
 26601 TTTGTAAATG CTGAAACCAA GGCCAAGCAA TTGCCCAAGG TCGCTTGGCA
 26651 TCAGAACCAG GATCCACATT GTCCAATTTT CAGGTTTCTG CATTTCAAAT
 26701 TCTTTATTAA AAGTCAGAA GTGTTTAATG GAATGATTCA CTTTTTTTAA
 26751 CTGTAGACAT ATTATTACAG CAGACCTTAG TTTATTGTG TCAATATCAG
 26801 CTAGTCAAAG AAAAAAGCTT TGACATTTTT ATGAAGTATT GTATCATGTT
 26851 CACTTAGAGG TTTCTTAGGA AATGAAGTTT AGAAGTTAGT AGTCTTGGA
 26901 GTAAGTGTCA ATATAACTGA CAATACAATT CACTGGAAT CATTCTTCT
 26951 AATCCTAAAT AAAGCTAGGG CATGGTTTAT TAAATATTTC TGTGATATTT
 27001 AGTGTGTAAA AATGTAAAAG AGAATACAAA TATTAAAAGG AAGTTTTCCT
 27051 AATGACAGAC TTAGTAGAAA TTTGAGTGAA TTGTTAAATT TTTAAGCTG
 27101 TGTGAACAGT GGTGATAGT GGATAAAAA TCATTAAATC CATCAGTGGT
 27151 TTTATAGTTT CCCCAGCAAT AATTGGGAGA GAATGAATGA TGAAGGTAAA
 27201 GTGCTAACCC AAAGATTTTA GAAGTTTCAC CAAGTTTTAA TGAGCCTCAC
 27251 CAATCACCCC TGATGGCAGT CTGGTATTTT ACACCTCCTC TAATAAGTT
 27301 TTCTTCCCTA GTTTTCAGTG ACCACCATTG TGTACACAAA TATAGAGGAG
 27351 TGTACCTGAT CGAGGAATGT ATCTGATTCT GGCAGGTGGA AGAGTACACA
 27401 TTTGGCATT CTTTTTATCC ATGATTGTCT CACCTTTCTT TGAAGTGAAG
 27451 GTTAAAGTGG GTTGACCATT CCTGGGCTG CTGGGTTCT GGAGAGAAGT
 27501 AATCTAATGT TAACAGACA CACACATTTT CTGACTTAGC CTCTCACCTT
 27551 CAACATTTCC AACTTCCTGT CTCCCTAGTC TTTGTTCTAT CTGACTTTGA
 27601 ACATGCAAAT ATATTTCCCTA AATTTCAGAG GGAGAATAGA GAGGTTTATT
 27651 ATCTTCCTGA TGGTTACTCT GATTCCTGTC CCTCCTTTC CATGTAAAAA
 27701 TTCTTAACAA CTTTTTTCAT CTCTCCTTG CATTTGCTCA CCATTCTTCA
 27751 TCCTCAAGTT CCAGGAATCT TTGATTTCTA GCCATCCCAG TGAAACTGCA
 27801 CTTTGAAAAG TCACCAGTTA CTCCAAGGTC ATCTAGTCCT TCCTGAAATA
 27851 CACTCCGGGT CAACTCTCTC TTCTTAGCTT TCTTGATAAC GCAATGTCTT
 27901 TTTTCTCCAT TGCTTTTTGG ATTCTCACTT CCTGCTGTCT TTGAATCTCA
 27951 ATTCTTTTAT TATTATTGAT TTCTCATCTG TACTTTAACT TCTCAAACCT
 28001 TACCTGTAGA ACTGTTTCTT CACTCATAGT GAAGTACTTT ATATCCTAAT
 28051 GTCTAAAGGT TATTTAGCT TCACTGCAAG ATTAACATGG CTAAAACCAA
 28101 ATTTGTCTTC TTCTTGGAAT AATCCTCACC TTAAAGTAGT CCAAAAAAGT
 28151 CCCATTCCCT TGGCATATA GGATCAGGGG CTTTCATGTCC TTTCTAATTT
 28201 ATTCCTTGCC TTCCTCCTTT ACTTAGGTAA TTATCATCCT GTGGGTTTGT
 28251 GCTCTGAAAA GCCAGTCTCT ACTTTTGCTT TCTTCTGTCT CACAACCCTT
 28301 GATCTAGATC CTCATCACTC ACTAGATTAC TGCACTAGCC TCCTGTTTGT

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28351 CCCTGCAGAT GCCAGTCTCT GCATCCCTCA GTTATCTTGT ATTAATATTT
28401 AACTGCTAGT CTAATATCTC ACTTTGGCTG TGTTTTTTCA CTGTGTCACT
28451 TTTCTCAAA TATTTAGGGG CCTCTCTTTT CTTTCTGCTT CCTGTCTAAA
28501 TTCTCTGCTG TGGTGTAAAG TTTCCAGATA TCCCATACAT TACCTCTAGT
28551 CTGCACCCTG ATACTTATCA AGCTTTTGAA AACATGACTA GATAAAATAT
28601 ATTTTATATT TCAATTTAGT GTGTGTGCAC ATGTGCTCAC ACACACACAC
28651 GTGTGCTGTA CACTCACATA ATTTAAACAA TTTTCTAAA GCAATCTTTA
28701 CACTATAATT TATTCTATTT CTTTGAAGAG ATAAAGTACA TGAGCCCCCA
28751 TATTGAATTC CTGTCATGAC CCTATGGTTT GAAGAGGCCC AATTATCTA
28801 ATTTTATTTAT CCTTTTATAC TTCACCCCAT CCACTTTGTT CAGAAGAGTC
28851 TACGCCTGCC CTTTAATCAT GCAGTGCTAG TTTCTGAGTT TTCAGTCATA
28901 TTTTCTAGT TCAAGTTTCT TCTAATCATG AAGTCTTCTT TGCCAACTTT
28951 AGCTCTTAAA AATACCCAAT TCCTCCAAAG GATAATTGTG CTATGCAAGA
29001 TGACCCCTAA TCCTCTGCTG ATTTTGAAAT GGTTTTGTAA TAGTAAATTG
29051 TGTCTTTTCT ATCTAGTTTA TAAACTCATT GAGAATAGCC CTATGTTTCC
29101 TATTTTTCAT ACTGCCAGAT TTATGTGACG AAACAAAAT AACTTAGTTT
29151 CCGAGGCCTA GATACAAACC CTCGCTTTAA TATTTTGTAG TCATGTGATG
29201 TTGGGTAAAA TCCTCAGTTG TAAATAGGG ACCCTAAAAC TTGTATCAAA
29251 AAATTGCCAG AAGGAGGAAA CTAGATGGCT CATGGAAACC TTTGGCAACC
29301 ACGATACCTA ATGAGTGTTT GGTGTTAAAT ATACTTTCTC TGGCATTTAA
29351 CCTTTTCATA ATGTTGTTTA GCTTCTATT TGTTTATAAT ATTTTCAAAT
29401 ACAATCCTTT CTCCAGTCAT CTTTATTGCA CTTTCTGAT TACTCCAATT
29451 ACTTGCTAGA CAGATTTTTT AAAATTTATG TTTAAATAAA ATCTAATGAA
29501 GAATAAATGG AAAAGTATGC ACGCCTTCGG GTTCCTATCT CACTTCATAG
29551 TATTCAATTC ATGACTCTAA TGTTCTAGAG GGCAAAGGGA CATAAGACCA
29601 GCATCTATAA TGTATTTACT TTGTAGAAAA GCCATTCATC ATAAGAGTTG
29651 CTGCCACCAA ATCTCAAGGC TCATTATGTC AAATTGAATT CATTTAAAAAT
29701 GTGTTATTTA AAAATAGAAA AATTTCTGAA ATAAAAAGGG AAATATTTTG
29751 TGCTAACTTC TCATTTTGA GGGGAGCGGC CTTTACCATA ATTAGTTTTC
29801 TGAACAATTA TAATGTGATA TGCTTTTTTA TTTAATTTAC GAAAAGAAGG
29851 TTTGTATTTT AAGATAAACT AGGACACTAA GTTTTAGAGG CACATATTGC
29901 ATCAGATTTT AGAACTAAAT TTAAATTCAC TTTTAACTT CTGCACTGTG
29951 ATATATGCAG ATTAATAAGA AAGTGACACA CATAAAATCA TGTCTGTTAA
30001 GCATTTTAAA ATTTAAAAAA TAGTTTTTTA CTCACCAAGT CTCCCAAGAG
30051 GGGTACTTTC TGGCATAAAT TATCTAACAT CAGTTAGATG GCATAAGGTA
30101 ATGCGGACTG AGAGCAGATC TAAAGGCTAA AGATAGGTGA GAAATGCAAA
30151 TATAAACATA CCTTTCCTAT TAATATTAGC TGACCTCTAC TCAAACCAAA
30201 TGCAGTATAA AACATTTCTC TTTCTATTTT CATTTGGTTT CTATTATGTG
30251 TGTTGCATGT ATCCTATGAT GTGATGCCAA ATTCTGACG GAATTTCTGC
30301 TGACACCCAG TCCTTATCTT CATTCACCTG TTCACTTTTC TCTCCACTTC
30351 AGAAGTGTAT CCCCAGTGTA ATAACTTAT TTTGTATGTG TAAAGTATAA
30401 CTTCTATTGT TTTCAATTTA TTTGATTGTA AAATGAATAT CATATTATAG
30451 ATGTTATTGT ATCATAAATG TATATTATAT TAAGAATAGG TGAGGCCGGG
30501 CGCGGTGGCT CACGCTGTG ATCCAGCAC TTTGGGAGGC CGAGGCCGGC
30551 GGATCACGAG GTCAGGAGAT CCAGACCATC CTGGCTAACA TGGTGAAACC
30601 CTGTCTCTAC TAAAAATACA AAAAATTAGC TGGGCGTGGT GGCGGGCGCC
30651 TGTAGTCCCA GCTACTCGGG AGGCTGAGGC AGGAGAATGG CGTGAACCCG
30701 GGAGGCGGAG CTTGCAGTGA GCTGAGATTG CGCCACTGCA CTCCAGCCTG
30751 GGCAGACAGAG CGAGACTCCG TCTCAAAAAA AAAAAAAAAG AAAAAAAGA
30801 ATAGGTGAGA ACATATGATT ACAAAGAAT TCTGTAATCT TTAAATCGAT
30851 AGCAACTAAA ATTATAAAAA CTTTACAAA TCAATGAGTT AATGTTATTC
30901 TAGTGTGAGA GTACTTCTGC TTCTATCAGT AATACGAAA ATTTGAAAAT
30951 TATCTCTTGC TTATATATTT ACTACCTTTA GAATATCTAG AAATGTTTAC
31001 ATGAGATGAA AAAGTTATAC TTGTGTTATC CTTGTCTTAA AAGAAAAATA
31051 TTTTTTAAAA CTTTAATTCT TGCAAGATCC AATGGTCTTA CTCTCCCCAA
31101 ATATATTTCT AGCAAAATGT ATTTCTGATA TTTCAAGTCT GACATTTAT
31151 TTTTACTAAA ATGCACAATG ATAGTTATTA CAGGAATCAA AAGTACTGAA
31201 TAAAGCTTTA CCTTCAGTGA GGTAGGTTA CATATCAATA GAGCTTGAT
31251 ATTACTCTAG GAGGAAGAGG CAGAACAATA ATTTCTAAAA TGTCTATTCTG
31301 ATATTTATTA GTGTTGCAAG TTAATAAATG GCATCTTCTG AATAATCTAA
31351 TTCTTCATAA ATTCACATCA AAAGAAACAA GAAGCTGAAG AATGTTAACA
31401 GACCTATGAC TTAACTGAT ATACAATTTT AATGTTTTTA TTCAGATTCC
31451 CTCAAGAAAA GTGTGGGGAC AGTTGCTGGG TAAATTTTTG TCTTCACTT

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31501 TCTGTCTTCT ACAATACAGG GTTAAATAAT GTCTTAATTC TATATCACAG
31551 TATATATTTA ATGTTATGTT GTCAATGAAA ATAATTATCT TAAGTCAAAC
31601 CAACTCTCAG TTGAAGAATC TTGAAAATGA CTCCATCTAA ATTGTGACTC
31651 AGATTTCTGT CTGTAAAATT CAATTTTAA TAGGTTAGAA AAGTCTATCA
31701 GTGGATACTG TCTAATCACA AATGGGTATG GAACAGTCTT CACCCTCCAA
31751 ACCCTGAAGC TTGCAGAGAA ACACCTGGACT GTACAAGTTA GTGCTAACAT
31801 GATTACTTAT CCCATCCAAA ATTCAGCAGC AGCTGACTGT TTTGCACCTG
31851 GAACCCCTCT CCCTTTTGTT TTCTATTGTG TAGCTTCTTG TATTTAGAGA
31901 CTGAAAATA ATTCCAAAAT TTCTTTATGA AAAATATAAT TAGTATTCTT
31951 TTATTATATG TATATATATC TTTAATATAT ATATGCACAC ACAGGTTGCA
32001 TATGCATGTG TGTGTATGGT GCATTCCAAA ATGGAAGTAA ACTGAACAAA
32051 TAGAGTATCA AGATGGTGAT TCATATTTTC AAACCTCCCTT AAAGTTTGTA
32101 CTCCATTGTT GAATTTTCATC TTTACCTAGT CTTAACATGT GAATTGACAG
32151 TTTTAAATTT TAAAAATCAC TTAAAAGTTA ATACAAATTT AGTAAAAACA
32201 AAATTTGAAC AGACTATATA GTATGTAGTC AAAAGTAACG CTTTCTCTG
32251 TCCCTTTGAA GCTCAGTCCCT GCTCCACAGA GATGAACTCC TTTGTGATAA
32301 CTCCTGTGTA ATTTCCCTTCA TACTAAAAAT TTTGTGGGGT AAAGACTGTA
32351 CCCATAGATC CAGAGCCTTG TGCAGTGTCT GGCATTTATG GAACGGTTGG
32401 CCTTCTTATC CCTCGGTTCT GCCTCCACAG AGTCAACTAA CTATGGATCA
32451 AAAATATGTT TAAAAACAA TAAAAATTAA TACAAATTGA AAAATACAGT
32501 GTAACAACCTA TTTACATAGC ATTACATTGC ATTAGGTTTC ATAAGTAATC
32551 TAGGCATGAC TTAAAGAATA CAGGAGATGT GTGTAGGTTA TATGCAAATA
32601 TCATGCCATT TTATATATCA GACTTGAGCA TCCATGGATT TTGGTATCCA
32651 TAGGGGCTCC AATCCCTGTA CCAGGCATT CAGGAATATT TGCAGAAAAA
32701 AAGAACAGAT AAATGGATGA AAAGATGGCT GGGAGCGGTG GCTCACGCCCT
32751 GTAATCCGAG CACTTTGGGA GGCCGAGGTG GGTGGATCAT GAGGTCAGGA
32801 GTTCGAGACC AGCCTGGCCA ATATAGTGAA ACACCCGTCT CTAATAAAAA
32851 TACAAAAATT AGCTGGGTGT GGTGGCGCAT GCCTGTAGTC CCAGCTGCTT
32901 GGGAGGCTGA GGCAGGAGAA TCGCTTGAAC CTGGGAGGCG GAGGTTGCAG
32951 TGAGCCGAGA TTGCGCCACT GCACTCCAGT CTGGGCGACA GAGCAAGACT
33001 CCGTCTCAAA AAAACAAAAC AAAACAAAAC AAAAAATGGA TGAAGAGATT
33051 ATAAATAGTA TGAGTTTCA AGGCTCATGG TTTATAAAT ATTGAAAAAT
33101 CACTTTTCCA CTTTATGTCA TTATTTTCA GCGTGCAGAG GGATGTTAGA
33151 CTGTTTTTCA AATACAAAA AGCCACAAAC TTGTATCAGA ATCTCTACTT
33201 CCTATTGAAA TTAAGCCCTA GAGGTAAATA TTTTAGAGT TTTGTCTGT
33251 TGGGTTGTTT TCTTGTTTTT TGAGACAGAG TCTTGCTCTA TTGCCTAGGC
33301 TGGAGGGCAG TGGCACCATA TCGGCTCATT GCAACCTCCG CCTCCTGAGT
33351 TCAAGTGATT CTCGTACCTC AGCCTCTCCA GTAGCTGGGA CTACAGTTGC
33401 ACAGACCAC ACCTGGCTAA TTTGTTTTTT TTTTTTTTTT TTTTTTTTTT
33451 TTGTATTTTT AGTGGAGATG GGTTTTCACC ATGTTGGCCA GGCTGGTCTT
33501 GAACTCCTGA TCTCAAGTGA TCCACCCGCC TTGGCCTCCC AAAGTGCTGG
33551 GATTATAGGC TTGAGCCACC ACACCTAGCC TTGTTTTTTG TTTGTTTTTG
33601 TTTTTTGCAA AAGAGTATCT AGTGGTCATC GATTGCATTT TGATATTATA
33651 ATTTCTTATT TTCTATTTCA GTAGTATTTT TATTACTCTA CTTTCTATTT
33701 CTATACTATA GTTCTATTTT CTATTGGTGG ATTTCCCTAT TTTAATGATT
33751 TCCAACATAA CTGTTTAAAT GCATAGATTA TGTAAGTATC TATATAATGG
33801 TCAAACCAGC TAGTTTCTGT TATACTTTGA GTTAATCTAG TTACAAATTA
33851 TCTTTTTTTA AAAAAAAT CCATTTGACC TAATAAAAAA ACAAAAAACA
33901 AAACAAAAAA TCACTACTCC TTAATTCCAC AACTTCAGAT TTACCGAAAC
33951 CACAAATTC ATTTAAATTT CCAGTATTGC TAGTGGTGTG GATGCCGTGAT
34001 GTAATACTGA GTTATCATTG CCAGATTAGA ACAATTTTTA TTGTCTGAGA
34051 CTAATAATAT TCCTTCTGTT GCTGAATTTA AGAGAATACC CTAAAGCACA
34101 ATGTAAATTG TAACACTGAG TAGCAGAAAT TGAGGGCTAG AAGGCCAAAT
34151 CATTTTCTGT TTTTAACT GTAATGACAG CTATTGGTAA CTGCCTGCTC
34201 TCTACCCAGA AATTATGGAG ATAAGGAAAT CTATGAATTA TAGTAATAGT
34251 GTGTGTTAGT TATCATTCAG AGGCATTAC TATTTCTG CATAACAGAA
34301 CAGAGCACAT AGTAAAACT CAATAAATTG TAATTTATAA ATAGTATTTT
34351 ATTATCTTCA TCCAAAAGCT CCTCTTGAA GGTGACGTAT GGAGAGAAAA
34401 GCTGTTATTC CCAAAATTGA GTTAGCTAAG CTAAGCTTAA AATTTATTTT
34451 ATTTTATTTT TCAATTTTTA AAATTTGAT AGCTTTGAG GTACAAGTGG
34501 TTTTCACTTA CATGGATGAA TTACATAGTG GTGAATCTGA GATTTTAGTG
34551 CACCTATTAC CCAAGTAGTG CATACTGTAT CCAATATATA GTTTTTTACC
34601 CCACATCTCC CTCCACCGT GCCCCCTCCT TAGTCTCCAA AGTCCATTAT

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34651 ATCACTCTGT ATGCTTTTGT GTACTCATAA CTTAACTCCC ACTTATAAGT
34701 GAGAACATAC GGTATTTTGGT TTTCCATTCC TGAGTTACTT CACGTAGAGT
34751 AATGGCCTCC AGCTCCATCC AAGTTGCCGT AAAAGACATT ATTTCAATCC
34801 TTTTTTATGT CTGAGTAGTA TTCTGTGCTG TATATATACC ACATTTTCTT
34851 TTTCCACTCA TTGGTGAATG GGCAGTAAA CTTGGTTCCA TATCTTTGCA
34901 ATTTTGAATT GTGCTGCAAC AAACATACAT GTATATGTCT TTTTCTTATA
34951 ATTTCTTATT TTCATTTTGA TAGATATCCA GTAGTGAAT TGCTGGATTG
35001 AATGGTAAAT CTACTTTTAG ATCTTTGAGG AATCTCCATA CTGTTTTCCA
35051 TAGAGGTTAT CCTAATTTAT ATTCCCACCA GCAATGTATA AGCATTCTCC
35101 TTTTACCATA TCTACACCAA CATCTATTGT TTTTGTACTT CTTAATAATG
35151 GCCATTCTTG TAGCAGGAAG GTGGTATCTC ATTGTGGTTT TAATTTGCAT
35201 TTCCCTGATG ATAAGTGATA TTGAGCATT TTTTCATATGT TTGTTGGCCA
35251 TCTGTATATC CTCTTTTGAG AAATGTCTAT TCATGTCTTT TGCTCACTTT
35301 TTGATGGGAT TATATTTTTT TCTTGCTGAT TTTTGTGAG TTCCTTATAG
35351 ATTCTGGGAT CTAGTCTTTT GTCAGATGCA TAGTTTGCAA ATATTTTCTC
35401 CCATTCTTGG GTTGCTGTGT TACTCTGATA ATTATTTCTT TTGCTGTGCA
35451 GGAACTTTTT AGTTTAATTA GGTACCATT TTTTATTTTT ATTTTGTG
35501 CATTTGCTTT TGGGGCTTTA GTCATGATTT CTTTGCCTAG GTCAGTGTCC
35551 AGGAGAGTTT TTCCAGGGTT GTCCTCTATA ATTTTTTAGT TTCAAGACTT
35601 AGATTTAAGT CTTTGATCAA CTTGAGTTG ATTTTGTGTT AGGGTGAGAG
35651 ATAGGGATCC AGTTTCATTC TTCTTCGTGT AGCTAGCCAG TTTTCCCAGC
35701 ACCATTTTATT AAATAGGATG TCCTTTCCCC AACTTATGTT TGTGGAAGAT
35751 AAGTTGGTTA TAAGAATTTG GCTTTATTTC TGGGTCTCTT ATTCTGTTCC
35801 ATTGGTTTAT GTGTCTATAT CATTAAGATG TTATTTTGGT AAATACGGCC
35851 TTGTAGTATA ACTTGAAGTC CAGTAATGAG GTGCTTCCAG ATGTGTTCTT
35901 TTTGCTTAGG ATTTTGTGG CTATTTGTCT CTTTTTTTTT TTTGGTTCCA
35951 TATGAATTTT AAGGCTTTTC TTCTAAATCT ATGAAAAATG ATGTTTGTAT
36001 TTTGATGGGA ATTGCATTGA CTCTGTGGAT GGTTTTGGGC AGTATGGCCA
36051 TTTTCACAAT ATTGATTCTT CCAATCCATG AGCATGGGAT GTGTTTCCAT
36101 TTGTTTGTGT CATCTATGAA TTCTTTCAGC AGTGCTTTGT AGTTCTACTT
36151 GTACAGATCT TTCATCTCTT TGGTTAAATA CATTCCTAGG TTGTTTTTTG
36201 TTTGTTTACT TTGTTTGTGTT TTGTTGCAGC TATCGTAAA GAGATTAAAGT
36251 TCTTCATTTG ATTTCTCAGCT TGGTCATTGT TGGTATATAG CAGTGCTGTT
36301 GATTTGTGTA TATTGATTTT TTTAACCTGA GACTTTACTG AAATTCATTT
36351 ATCAAATCTA GAAGTCTTTT GGAGGCGTTT GTAGGGTTTT CTAGGTATAT
36401 CATCAGCAA CAGTGATAGT TTGACGACTT CTCTCTTAT TTGGATGCCC
36451 TTAATTTCTC TTGCTGACT GCTCTCTAGG ACTTCCAGTA CTATGTTGAA
36501 TAGAAGTGGT GAAAGTGGGC ATCCTTGTCT TGTTTCTGTT CTTAGGGAGA
36551 ATGCTTAGAA TGATTTTATA CATCTGTATA GTTCCTTGAG ACAGTGAATT
36601 AGAAAATTTT ATATTGTGA ATTTAGATAT ACTTAATGTT TTTGCTCATC
36651 AACTACCTAT TCTCAAGTTC ATAGAAATAA CATTATTCTA ATTTTACTAA
36701 TGGTGTGAGA TATACTTTTA CTTTCAAAAG TGAAATTAAG TTAATATGAT
36751 TTTAAAATAC TTTGGAGTAC ATTTCTTGAT TTTTTTTTAG ACAATTGGAA
36801 ACCTCAGGC ATCTATAAT GAACAGGAAT AGTGACAGA ATGTGTCATT
36851 TCCACAGAT CCTGTAAGTA AAAAATGCAA ACACAAGAAA AGGGGGCACT
36901 GATCATCTGA AGTGAAGTTT CAGCCAAACT CCAAGTTTCA ATAAATGTTC
36951 CTGTTCTTTT TTTATGCTAA ATATTGTACT GCGAATTATA TACCAAAGTA
37001 AAAACTGTTT GCTACAGTCA CTCAGATTCC AGGGGTGATT CTTTCATTAG
37051 AATGAAATAT GTGCCAATAA TTTTGTACTG CAGATCATTA GCCTATGAAT
37101 AATGACTTTT ACAAAGTAAA GTTCTATATT ATCTCATGAT ACAGTAAAAA
37151 GCATTTAGGC TACTCCACAG GCAAAAATGA ATCATTTAGG GGCTGTGTTA
37201 CCTTGGGGAG ATTATACACT CTAAGTGTCA CTTTCTCAT CTGTAAAATA
37251 GGGATGATAA AGTTCTGTGA CTGGAGAGTT AAATCCAATG TTATAATACA
37301 TTAATAATAT TCACACAAGT ATTTAATAGA TCAACAAAAA TGCCTACAAG
37351 TTTATTGTAG ACATGATTAG TTTATCATTG GCAGCTAATC CAGAATTACT
37401 TTCAAACATA TACTTTTTCT TTTGTCTATT GCTAGTTTAA TCAAAGTTAA
37451 TTCCTCACTT ATGGAAATTG AACTAAATTG GAATACATT TAAATAATTA
37501 AAATATTCCC CTCTGAAGG AGTCTATCGA GAAGTTTAGA GGTAAATAAT
37551 TTTGTCTGTG AATAAATTGG CGATCTCACT GGTGATTGAA TTGTAACAAT
37601 TATTTTTTAGC AGAGCTAGGA TAGCATTTTG TTCTCAAAAT AGAAATCTTG
37651 GGGAAACCTC CGGACAAAAG AAATGGATTA ATGCTATGGT TAAATGTATA
37701 GAGTTGGGCT GCCTTTTGGG ATGGCCTCCT ACCCATATGT AGCTATGAGA
37751 CACTTGAAAT GAATATCCGA TTAGTATCAC TGAGAAGCTG AATTTTTTAA

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| | | | | | |
|-------|------------|------------|------------|-------------|-------------|
| 37801 | TTTTCTATTA | TCTAAATTAA | AATTAAATAA | AAAATCTGAA | GCATAAAATA |
| 37851 | TGTTTGTGTT | AAAAATTATT | ATTTTCTCTA | GACATCTTAA | TTTGAACCAC |
| 37901 | TAAAAATTTG | GCTTCTGAAT | TGAGATGTTC | TTTATGTATC | AAATGGACAT |
| 37951 | TGCATTTTAA | AGATTTAGTA | CAAAAATGTA | ATATATCCCA | TTAATAATTA |
| 38001 | CTGTATATTG | TTACATGTTG | CAATGTTATT | CTTGTGGGTT | TATTGGATTA |
| 38051 | GATAAAATAT | ATTGTCATAA | TTTATTTTGT | TTATTTTITAC | ATTTTGTGCTA |
| 38101 | TAGCTACCAG | AAAATTAAAA | TTGTACTTAC | AGCATACATT | CCATTTTITAT |
| 38151 | TGGATAACAC | TGGTATAGAG | ATATTGCTGG | AGTAAATGTA | CTCAATTCTG |
| 38201 | AGTTGAAATA | CCCCACTGAG | AATTAATTGC | AGGCCTCATG | TAAGTCAAGT |
| 38251 | CAGACTTAGA | ATATGACCCG | AGAGAGAAGG | TAGCTTTTGG | CAGAAGTTTA |
| 38301 | ACAAAAGTCG | TCTGCTCTTA | AAGATTCTAA | TTCAGAAGCT | AATGTGGAGT |
| 38351 | TTAATCCTAA | CAACTAGTAT | TTAAAACGTG | TCATCAGCTA | GAGTACTACT |
| 38401 | AACCACTTTG | ATTAATAGCT | TAGGTTTTTC | CCAGCCCAT | TGAGTATTGG |
| 38451 | AAACTTTTGT | CATATTTGAT | AATATTGGGA | AATTATCAGT | CTTTTCTTTG |
| 38501 | AAAAGAAACT | AGAGTTATTA | AAATAACAGG | GATGTTCTCA | AACTAGTTCC |
| 38551 | AGAACCAACA | CCATCTGCAA | CACCTACTAA | ACTTACTACA | AATGCAAATT |
| 38601 | TTCCAACCTC | ACACAAGACC | TACTGAATCT | GAAACTCTGG | GGACAAGGTC |
| 38651 | CAGGAATCTG | TGGCTTAAGA | TTCTTAGGTG | ATTCTGATGC | ACACTAAAGT |
| 38701 | TTGTGAACCA | CTATATTGGA | ATATATCATA | TTCTTGTTAA | CTGATGGATA |
| 38751 | AGATTGTTTC | TAATAGACTG | AGATTTTAGT | AAGTGAACAG | GTATTTAGTT |
| 38801 | AATAACAAAC | TCCAGGGCCA | TAATGATGTA | CTGAGGCTGT | AAGGAACCTA |
| 38851 | TTGAAGCACA | AGCATGGCTC | CCTCTTCCAA | CAACTTCTTG | CATTAAATCA |
| 38901 | TTAGTATTCA | GGCAGGACTC | TAGATGGGGA | TTTTCTTGT | GTAGGGTTTC |
| 38951 | ATTATTATTA | ATTGAGTTCT | TAATGGAGTT | TATTGCTTAG | CATTCTCAAA |
| 39001 | TAACCTCTGT | TTTATTGTGA | TACAAGAAAG | TCTAATCCGC | CACAATGATT |
| 39051 | TTACTTTTCA | TAATGGCACA | GAAGAGTTGC | TGAATGTGAT | ATTAGCTTAA |
| 39101 | ATGTATCCCA | CTATCCTTCA | TCTATTTGTA | ATGAAAAATG | ATTCTGTTGC |
| 39151 | CTTTTGAGAA | CATCAGAATG | ATTATGTAAC | ATTTTGTGG | TGCTGAATTA |
| 39201 | TTTTAGATAT | GACATTCTTA | GTAAGGAAAA | AAAATGGTGC | TTCAAGAAAT |
| 39251 | TACTTCCAAA | AATGGTAAAA | AGGAATTTGA | GAAAAAAGAA | ATTACTTCAG |
| 39301 | AATCTTACTA | ATTTTTTTAT | TCCAACTTTT | GCTTGTGTAA | ATTAAAAATA |
| 39351 | GACAATTGTT | GAGAATTGCT | ATTCCTGCAG | TTAATTTTCA | CACCTTAAAT |
| 39401 | ATTTAAGTGT | AAATATTTAG | GTTAAGAAGG | GAAATATTTA | TGCTTGAAAA |
| 39451 | AGCTTGTCTT | TTTCATACTT | TAAATCCCCA | CTAATATCTT | TGTTCCATTA |
| 39501 | TTATTTATTT | TTTAGAATAG | CATTATTTTA | CTTTATCAAA | TATGCACTTG |
| 39551 | TTTTCTAAGT | AGTTCTACCC | TCTTCGCATT | AGTTCGGAAT | ACATCAAAAT |
| 39601 | ATTTTTTCTT | CTTTTAAAAA | TAGAGAACCC | TTGTGTTTAC | CTTTCCATAA |
| 39651 | ATATAAACAT | GGCTTTAAAA | AACATGAATT | TTATGTAAAA | TGTGAAATAA |
| 39701 | ATGTCAATAT | TTGTATGTAG | CATTTATCCT | TTCTTACAAG | GAGAGAAAAAG |
| 39751 | CCAGCAAGAG | ATTTCTGATA | ACTACCATCA | CCTTAAAGTC | TGTTTTTCTA |
| 39801 | AATACTACCC | CTTGACACCC | AATAAAAAAA | CTATGAAACA | AATAGGATAA |
| 39851 | GACTACAAGA | ACACAGGATT | ACTTTTAGTG | CTCTAAAGGT | GGGAGTTCTG |
| 39901 | CAACATCATA | AGGGTGTCAA | AGGCCTAGCA | CATTGGCATT | TGCCATTTCAT |
| 39951 | GGTCGACATT | GATGATCATT | GTGTTTTAGC | ATTCAAAGCA | CAAGGAATAA |
| 40001 | TAAAAGCCAT | ACAAGTTTTT | ATTTTCATTA | GTTTTAACAT | GTGATATTCT |
| 40051 | TGTACACATG | CCTGAATAAT | GCCTTTTTTA | AAACTTAGTA | ATCATGCATC |
| 40101 | ATATGAGTGG | GTAATAAGGA | AACAATATTC | TTTACCACGA | GAGTGGGCTA |
| 40151 | AACACTTCAA | AGGACCTTTC | ATGAAACATT | TGGAATTAGA | GCTTGAGGTA |
| 40201 | TTGTGACGTT | ACTGTTTTAA | TCAAAGCTTT | TAAGTTGGAG | ATGGTGGATG |
| 40251 | AAAAAAACAG | AAAAATTACC | ATAGGTGATA | ATAGTATACT | CAATAAAAAAT |
| 40301 | GTAAAAATTC | TGCCGTCGTA | CAAGACTTTC | AGTAAAAAGA | CCTGGCAAAT |
| 40351 | CCCCAGGTAT | TAGTGGGGAT | TTAAAATATG | AAAAAGAAAA | GCTTTCTTTT |
| 40401 | TTAACATAAA | TATTTCCCGT | CTCTATTTAA | ATATTTACAC | TTAAATATTT |
| 40451 | AAGGTGCTGA | AATCAGCGCA | GCAATAACAA | TTCTCACTTA | CATTTCATTT |
| 40501 | CTACAATGCT | ACATCTGGTT | ATTTTTCTAT | CCGGGTTTAA | GTTTCCTTCAC |
| 40551 | CATAAGTCCT | TCTTCCTTTT | TTGGAAGGCT | CAGTGGATGC | CCTATGATCT |
| 40601 | GCCCCTGGAA | TACTCATTTG | TTGTTGTGGT | GGAAGTTTGA | TAAGAAATCT |
| 40651 | TTTATCTTAT | AAAAGATAAA | ATGTATATAT | TTATATTTTC | TTGTATTCAA |
| 40701 | CAGCTTTGAA | TTGGTGACCC | CAATTCTGAG | TAGCTCTGTG | TGTGTGTGTG |
| 40751 | TGTGTGTGTG | TATGTGTGTA | AAACAAAGTA | CTTTATAATG | CAAAGTCCCT |
| 40801 | TTCTTACACT | TCCATAAGCA | CTGGTAAGAC | AGCAATACAG | AAATACAGAA |
| 40851 | AAGACAAGTG | TATAATTCAT | GATGCCCTGG | ACTTTCTAAG | GCTTTGAAAT |
| 40901 | GCGAACCAGG | AACGCAAATT | GTTTTACCAG | AAATGAAAAAT | GTCCTTTCGC |

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40951 ATGACAGCAG TCTGTTCCAG TTGCACCTGT GTTTTGCTAT GATTGCAAA
41001 TTGATTGGAA TTTTGCCCTT GGTATTCTTT TAGCCTCAAA ATGTTCTACA
41051 ATTTGAAAAG TGTGGAGGGG AGCTTGATCA TATATGTAAT GTTAAATCTG
41101 ATTTTAGATA AATTCTAATT TTATGAATAT TGTTTTTTGA ACAGGACAAT
41151 TTGAGAAAAT GAGGATTACT TATAAATATT TATAATGATC ATGAAACAGT
41201 ATTCTAAATA TTAAGATCT GAGTTGTAAA GATTGATATA TTAATATTTA
41251 CCTTATCTTT AAAAAATATT GCTTGATTAT TACCTATGCT TCATGTGGTT
41301 CCACAAGGAA TATATTACTG TTTTAACAAA GATGTATGCA GTTCGATAGT
41351 AAAATATTTT TGCAAAAATT TAAAGAAGAA ATTTAAATTA AATAGAAAAT
41401 TTAGGGAGAA AAAATTAAAC ACAATATAGG GACCATTGAG ACCCCATCAT
41451 TGCTATATTT GAGCATTGAA TTTGGCATTG AATTTTTTCA CAGATTAAGG
41501 AAAATGTAGA AAGGGCCAGT TAAAAAGGAG AAAACATCTT GTTTCTCAAG
41551 GGAAGCAAG CTTTGCCCTAC TACTTAAAAA AATAAAATAT ATTTCTCAAG
41601 TGGGGCTTCC CACAGTGGGT TTTGGTAAT AGACACAAAA CTGACCCAT
41651 TCAAACACTG CTCACCAAGA ATATACTAGA ATTAATCATA AATGGCCATT
41701 TAGAGTTTGT CTAGAAGTGT TGCACAGTAA TTAGCCAATC CAAAATGTAC
41751 AGTATGTGAG ATGACACTGG ATGTCTGGTC TTTTGAGCA GATTTGTAAT
41801 TGCTTTTTAT TGTCTATCTC CCTTATTGAA TTGGGAACTC TTTATAGGTG
41851 GGGGTCGCTT TTCATTGATA GTGTTGTGCC AAGTTTGCAC TACGCACTG
41901 ATAAGGAAAA AAATTAGTGT AAAAAATTGT AAAGTCTCT ATCAGAACAG
41951 TCTAAGGGGC ATTTGATGAT AACTCAATCT TTTTAAGATA CAGTTTTAAG
42001 GCAATATTTT AAAAAACATT TTGAAAGGTG GATTTATGAA TACTGCTTCT
42051 TTTTAGAAGG TGACAGAATC AAACACAAAC ATGAGGTGTT CAATAAATAT
42101 TGCTGACTAT ATTTGATTTGA GCCAAAATTT CACCAATAAT GCATTTGGAC
42151 TGAGTGTGTA ACTAATATTC TTGGATTAGG AAAACAAAGC TCTTAGAAAA
42201 TGAATCCTAG AAGTTTGTTT AAGATTCTGT CACCTAATAT GTAGAAAATG
42251 TATTGAAGAT TTTGAAATAT CTGTGTATAA TTTTCTAAAA TTCATGTGTA
42301 TCTCCTAAGA ATCCTACCAT ATTAATACCA GTTGTAAATGT AGGTCAAAGA
42351 TGTGGCAAAAT ATTTTCTTAT ATGAATTTT TTCAAAGTA TTAGCTCTGT
42401 AATTCTTTCA GAAATCTCT GGGACGGCCA ATTCACAAGG AATAAAATGT
42451 AAATTTTAAA AAGCCTTAGG GCAAACTACT TTCGTTTTCT TAAAATACTC
42501 TGCTTCTAGG AAGGATGCTT CTAATAAGGA AACAGGAAA GTGGTATAAG
42551 TGATCTATAA CTATGTATAG TTTACATGGG ACACAGAAGG AGATAGATT
42601 TTACCTTTGT TTTTCATTCA CTGTAAGCAG ATAAATGTAT ATTTACTTAA
42651 GGATGGCTTG AAGTCATGTT ACAACTTCTA TTAATTTCT TGTCATTGTC
42701 CACATTTTTC TTAATTTTAT CAAGTGTGGA AAGAGAAAA CAGAAATAGT
42751 CTTCTTTTA ATTTAGAAAT GGGCCACTAT AAGCATACGC ACAACTCAAA
42801 ATTGCAGTTT CTTAATGTTA TGCATTGAT TAATTTGTAT GAATTCATGC
42851 CATATTTCTC TGAACCTTGC TGAATTGCCA GGTATATGGC TTGGCTTGTA
42901 TCTCCAGTTA TAAGCCTTGG TATAGTCACG CCTGACTAGG GCAGAATGGA
42951 GAACTTGCTT CTGGCTTACA GCCCTCCTAA GGGCACCATG CAGGTAGTG
43001 CTGCCCATGA TGCTCTGGTG TTTGGAGATC TGCACACACA ACCTCATTAC
43051 CCCACCTTTA ACATCTATGT CACAGATCAA GGGTTTGCAA ACCATGATCC
43101 ATAAGCCAAA AGTAGTCCAA AGATGTATTT ACTATAGTTA TATTTATTTC
43151 TTAGAATTTT AAAATTTAAA TGCCCTTTGT TCTGTATCCT GCTATAATTC
43201 TGGTCCAACC AGTCCTTGTT TTCTTATCCA GTCCATGACA CTCATTGATA
43251 ATAATAACTT GGTTCCTAAA GATATGTGAA TTTTTCATTC CTATGACCAC
43301 TCCTGTTTTT TGTCAGTAA TGTTAGATT CTCTGTTTAA ATATGAAATG
43351 TTGAAATCCT AAAAGCTATT AATAAACAGA TCAGTTCTCC CAGGTGACTT
43401 GAGTGTTTTT AGCAAGAATT ACCAATGCAA TAATCCAGAG ATATTAAACA
43451 AATGGCTGAC TGCTCAACA TTTTGGCTT GACAGAGCAT CATGTTGAGA
43501 AGATTTCTGA GACGAAACCC AAATTCACAA TGAAAGACTG CAGTCATTGG
43551 TGGCCATAAG ACACGAGAGA CAGGGTGTGT CAAACTTCTG TAGTCCCAGT
43601 AGATGAGGAT TTACCAATTA TGCCTTGCAA CAAAGTGAGT TATGTACTTG
43651 TTGTATTGCC CCACCATCCT TCAACCAGAT TGTACTTCT CTAGATGGAC
43701 CTGCATCTTA AATCTACGTA TCCTTGAGAC ACTTATTCA GAGCTTTACA
43751 AATGGAAGGT TATCCATATA ATTGGAAGT TGCCAGATCA GAACAGGAGA
43801 TGTTTTCTGA GACCTCGCT TCTGCTGCAA CATTACACAA AAAAGGGTTT
43851 AGAATTTAAA AAAAAAACA AGATTAACCA AAAACAGGT CTTAAAAAGT
43901 CCCAGGTATG GCCAACAAC AAATATGAAT GCCACCTATT TTATTGTAGC
43951 TACATTTCTC TAGTTGCTGG TGCACAGGAG TTGTGATTAC TTGTTTCATAT
44001 TTGCACCATG TTAACATAA TACAGAAGAT GCTCCACATA GCTGCTGTTA
44051 CTAAGGAAAC ACAGAGAGTG CCTGCCCTTT GAAATATTTT CCTGATAAGA

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44101 AATGTGTAAT GATATCACAT ATTTTGCAC TTTTAAGACA AGGTGGGTAG
44151 GGCATAACCA TAGAGCAATT ATATCACCTG AATTACGAGG AAAGAACCTC
44201 TAAACTAGCT ATCGTTAGTG AAGTACGTAA GCACACTAAG CTTACCTGAG
44251 GCAGGTAGTT GAGCGTCTCA CTACGTGCTG AACCCACAG AACTGGGTGC
44301 CTTCACTTTC AATGAGCAGG TTTTTTTTTT ACTTGAAAC GGTGTTTGTA
44351 AACAGTGTGG CTGTCAGTCT TTTTTTGTGC TGGGTTTCGT CCTGATCCCT
44401 TACATGCATT ATCACATTCA ATCTTGTCAA GAGACCTTG AGTTTCAGAT
44451 TGTGGAAGCC ATTTTACAGA TAAGAAAAAT GAGGTCTATA GAAACTAAGT
44501 AAATTTCCCA GTGTCATGCA GTTGTTCAGT GGTAGACATG AAATTCAGAC
44551 ACAGGCCTCT GATTCCAGTT TCCATGCTGT TTCTTTGTAG TCATCCATTG
44601 TGTATGTAAA CAACTTTTCA TTTAAACAAG ATGCAAATAA TATTGGTATA
44651 AAACAAATGT ATTCTAGAAT TTCAACTTTC CTGCTCATTT GTTCCTTGAG
44701 CCTGGTTTTT CTGTCTTCA GGTTTATATT TTAAGGTGAC ATCTTATACT
44751 GTGGTCTTCT TTGTTTACTT TTCTATTTCC CTTCACTTCA CAGGAGTAAG
44801 ATACCCAACA TCGGACTGTA ATTCTGTGTA CATAGGATGT CCATGACCCT
44851 ATTCTCCTAG ATTTGTTTAT AGGGAGAATA CAGGATGCTT TCCTCTCTGA
44901 ATGTAAAAAT AGAACCAGTC AGAGCAAGGT GTTCACAAGT ATCTTAAATT
44951 ATTTATTGAA TCCTAACTAT GTGTACTCAT ATTTGGTATG TAGCTCAAGA
45001 TAAGATGAAG AGAAATGGTC CTTGATTTCA AGAGAAGGTT TTCTTACATA
45051 CTTCACTTCA ATCAGAGGAG TCTTTGGTGT CAGAATCTGA ATGCAGGCAA
45101 AGACCTCCTT TATAGCTTCA ACATTCTTCT CATTTACAG GATTGGAAC
45151 ATAGATTTTC AAAGCTAATT GTCAGTGAAT ATCAAAGTAC GGATCCTGAA
45201 GATGGGGCTC AAGAGCTGCT AGGAGTCAAT GGGGAGTGCC CACAGGACAG
45251 ACTTCACCAT ACTTTAACCA GAGAAGATAC ATTTGAATTG AATGTCCTTT
45301 AAAAAGAGGG TGTCCTGAA ATGGAAAAAA AAATTTGAAC ACCATTATAG
45351 CCTAGATTTC TCATTTGTTG CTGACCCTTC CTTCCATACC ATTTTCTCTC
45401 CCTTTTCAAC ATAACACTCC CTGAAAGTAT AAAGTCTTCA ACAATTTTAT
45451 TCCAATTTAT CCGCTGAATT TGGTAATGAT AAAAAAGATT TTAATAGCAA
45501 TTGCATTGCC TAATTACTGA ATCATAGAAC ATTAAATCAT TGACAATACA
45551 CAAGGCAAC CTCAATATAC AATTAATTAA TGAGTCTGCT TGTATCTATG
45601 AAATGAGATA CCTAAAAATA TAGATTTTGT GGATACTTAT TCATTTTAAA
45651 GATATTAAAA ACTAAAGCAT ATTCTTAACT ACTGACCAAC TGGTCAAATA
45701 GTTAAGACTG CAATGAATAG CTGAAATTA AAAAAATGTA GTATAATTTT
45751 ATTAGCTCTG ATATGTATTT TACTCAAGGT CATGAATCAG AACTTTTAAA
45801 ACTATTAAAA TTGAAGGATA TCAAGAAATA TAATTGATGT GTTCTATGC
45851 ATATTAATAA GGTCATTTTT CCATGTCAAA TTCTTCTGAG TCTTAAACTA
45901 TGTTATAGTT TGAAGTTAGG CTTTTTTGGA AGGCATTGTC GTATATTACT
45951 AATGGGAATG CATAAATTAT ACAATAAAAA TTGGCTTAGT AAGCCTAATT
46001 AATAGAGCAA CTTCAAGGTAA TTCAATCAAG TAAAACTTGT CTGAGACTTT
46051 CTTTTACTAT ATGAGCAATA GGAATAGGTT TTAGAGTATA AGTGTCTTTA
46101 AGAACATGTA TAAGAGAAAA AGAGAAAGAG TAAACATTAA AAGGACAGTG
46151 ATTGTTAAAT ATTTGCAGAA GTTTTCTGG TAGTTAATGT ATAAGTACTA
46201 AGTGAATATA CAGAAGCCAC AGCTCTAATA GTTTCTCCAA TGTTTTAGCA
46251 TCTTTTTCTA GCCCAGGACT GAGTTGAGTT CTTTTTAGGA GAAAAGCGTT
46301 GATGCCATCT GCAGCACACC TATAGATCAT AGGCAAGAAC AAGAAGTAGA
46351 TTGCATGCTC AGTTATCAGG TATACGATAC ATCTGAGTTA GTTCCTGGCA
46401 TGTAATGAT CAACTCCCTC TTTCCCTTTC CTTTTCTTTT TCCTCTTCCT
46451 TCCTTCCTTC CTTCTCTCCC TCCTGCCCTT CCTTCCTTCC TTCTTTGTTT
46501 TCCTTTCATG TTTTGACTTT ACTATCAAGT TCTAGCCAGT ATGCAGACTA
46551 TTTTTTTTAA GTTCTGAAAA TATCTTGCA AATTTCTAAA TGAGAAACAG
46601 GTAAATTTT TTTATTTTTT TCAGCTTTCC TGAGGAATAA TTGACAAGTA
46651 AATATTGTAT ATATTTAAGT TGTGAGATGT GATGTATTGA TACATGTATA
46701 CATTGTGAAG TAATCACCAC AATCAATTAA CATACCTACT ACCTCACATA
46751 GTTACCTTTT TTTGTGGTGA GAACATTTAG GATCTATTCT CTTAGCAAAT
46801 TTCAAGTACA CAACACAACA CTGTTAACAA CAGTTCCATC CTGTACATTA
46851 TATTTACATG TAAGGCAAAA TGAAGTCTAA GTTAAAAAAT AAACAGAAAA
46901 TAAAAAATAG ATCTCCAGAG CTTTCTCTC CTGAATAACT GAAACTTTCT
46951 ACCATTTGAC CAACATCACT CCATTCTTCC CAATCCCTGT TCCCTGGCAA
47001 CCACTATTCT ACTCTCTACT TCTATGAAGT TGATTTTTTT TTAGATAATT
47051 ATTACATTGA ATCTGTAGAT AGCTTTGAGT AGAATGGACA TTTTAACAAT
47101 ATTAACCTTC CAATCCATGA ATGTGGGATA TCTTCCATT TATCTGTGTT
47151 TTATAGTTTT CAGTATATAG ATCTTTTAC CTCTTTGGTT AAATTTATTT
47201 CTAAATTTT TTTATGTTAT TATAAAATGA ATTGATTCT TAATCTTTTT

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47251 TTTTAACTTT TATTTTAAAGT TGAGGGGTAC ATGTGCAGGT TTGCTATATA
47301 GGTAAACTTG TTTTATCGGG GTTTATTGTA CAAATTATTT CATCACCCAG
47351 GTATTAAGCC TAGTACACAT TAGTAATTTT TGCTGATCCC CTCCCTCCTC
47401 CTACACCACA CCCTCCAATA GGTCCCAGTG TGTGTTGTTT CCTCTAGGT
47451 GTCCATGTGT TCCCATAAAT TAGCTCCAC TTCTAAGTGA GAACATATGG
47501 TATTTAGTTT TCTGTCCCTG TGCTAGTTTG TTAAGGATAA TGGCCTCCAG
47551 CTCCACCTAT GTCCTTGCAA CGTACGTGAT CTCATTCCCT TTTATGGCTG
47601 CATAGTATTC CATGGTGTAT ATGTACCACA TTGGGTAAAT AATAAAATTA
47651 AGGCAGAATC AAAAAGTTGT TCAAACTAG TAAGAACAAA GATACAACAT
47701 ACCAGAATCT CTGGGACACA GCTAAGGCAG TATTAAGAGG AAAATTTATA
47751 AGATTAAATT CCCATATCAA AAAGTTAGAA AGCTCTCAAG TTAACAACCT
47801 AACATCACAA CTGAAAGAAC TAGACAATA AGAGCAACA AATCCCAAGC
47851 TAGTAGACCA CAAGAAATAA CCAAAATCAG AGCTGAACTG AAGGAGATTG
47901 AGACACACAC ACACACACAC ACACCATTC AAGATCAAC
47951 AAATCCAGGA GCTGGGTTTT TTTTGAAAAA AAAAAAAAT AAGCTGCTTG
48001 TTAGACTAAT AAAGAAGAAA AGAGAGAAGA TTCAAATAAA CGCAAAGGGG
48051 ATCAGAAACA ACAAGGGGA CATTACCACT GACCCTATAG AAATATAAAC
48101 AACCACCAGA TAATATTATA AACACCTCTA TGCACATAAA CTAGAAAATT
48151 TAGAAGAAAT GGATAATTTT CTGGACACAC ATACACTCTA AGACTGAGCC
48201 AGGAAGAATT CGAATCCCTG AACAGACCAA TAATAAGCTC TGAAATTGAG
48251 TCAGTATTAA ATAGCTTACT AACCAAAAAA AGCCAGGGCC AGATGGATTCT
48301 ACAATGAAT TCTGCCAGAT GTATGAAGAA GAGCTGGCAA TATTCCTGCT
48351 GAACTATTC CAAAAAATT GAGGAGGAGG GACTCCTCCC TAACTCATTC
48401 TATGACCCAG TATCATTGTG ATACCAAAAC CTTGCATAAA TACAACAAAA
48451 AAGAAACTTT CAGGCCAATA TCCTTGATGA ACATPGATGC AAAAATCCTC
48501 AACAAAAATC TGGCAAACCA AATCCAGCAG CACATCAAAA AGCTTATCCA
48551 CCATGATCAA ATAGCTTTTA TCCCTGGGAT GCAAGTTTGG TTCAACATAA
48601 CTAAATCAAT AAATGTGATA CATAACATAA ACAGAACTGA AGACACAAAC
48651 CACATGATTA TCTCAATAGA TGCAGAAAAG ACTTTCAGTA AAATTCAGCA
48701 CCCCTTCATG TTAAAAAATA AACTCGATAA ATTAGGTATT GAAGGAATAT
48751 ACTTCAATAT AATAAGAGCC ATCTATGGCA AACCACATT CAGCATCATA
48801 CTGAATGGGC AAAAAGTGA AGTATTCCCC CTGAAAAGT GCACAAGACA
48851 AGGATGCCCT CTCTCACTAA TCCTATTCAA CATAGCATTG GAAGTCTCTG
48901 CTAGGGCAAT CAGCCAAGGG AAAGAAGTAA AGGACATCCA AATAGGAAGA
48951 GAAGAATTCA AACTATCCCT CTTTGAGAT GACATGATCC AATATCTAGA
49001 AAACCCATA GTCTCAGCCC AAAAGCTTCT TAAGCTGATA AGCAACTTCA
49051 GCAAGGTCTC GGGATACAAA ATCAATGTGC AAAAATCACT AGCATTCCTA
49101 TACACCAACA ATCAAGCTGA GAGCCAAATC AGGAATGTAA TCTCATTCAC
49151 AATTGCCACA AAAAGAATAA AATACTAGGA ATACAGATAA GTAGGGAGGT
49201 TAAAGATCCC TACAAGGAGA ACCACAAAC ACTGCTCAA GAAATCAGAG
49251 GTGACACAAA CAGATAGAAA AACATTTTGT GTCATGGAT AAGAAGAAAC
49301 AATATTGTAA AAATGGCCAT ACTGCCCAA GCAATTAGA AATTCAATAG
49351 TATTCCTATT AAATACCAT TGACATTCTT CACAGAACTA GGAACAAAAA
49401 CCTATTTTTT AAATTCATAA GAAACAACAA CAACAAAAAG CCCAAATAGA
49451 CAAGGCAATC CTAAGCAAAA AGAACAAAGC TGGAGGCATC ATGCTACCTG
49501 ACTTAATTTT TTTTCTGGAT AGTTTGTGTG TAGTGTATTG AAATGCAACT
49551 GATTTTTTGT TGTGACTTTT TTTATTCTGA AACTTCACTA AATTAGGTTT
49601 TAACAGATTG GTTGGTATAG TCTTTAGGGT GTTCTTTATA TAAGATAATG
49651 CCATCTGCGA GTAGAGACAA TTAACCTTCT TCCCTTCAA TGAAGATGCT
49701 TTTTATTCTT TTTCTTGCC TAATATTTT AGCTAAGATT TCAAGTACTA
49751 TGTTGAATAC CAAGTGGTGA GAATGGGCAT CCTGGTCTTA GAGAAAAAGT
49801 TTTCAGCATT TCGCCATTGA GTATGATTTC AACTGTGGAT ATGTTATATA
49851 TGGCCTTTTT AATGTTGAAA TACATTTTTT CTTTATCTAA TTTGTTGAGT
49901 TTTTATTATG AAAGAGTTGT GAATTGTGTC AAATGCCTTT TATGCATATA
49951 TTAAGATGAT CATATGATTT TTATCCTTCA TTCTGTTAAT GAAGTGATC
50001 ACAATTTTTT ATTTGTGTAT GTTGAGCCGT CCTTTCCTCC CAAGTGTAAG
50051 TCTCACTTC CTATGATGAA TGATCCTCTT AATGTGCTGT TCCATTCAGT
50101 TTGCTAGTAT TTTGGTGAGG ATTTTTCAT CTATGTTTAT TGGGGATATT
50151 GGCTTATAAT CTTTTTCTTG TAGTGTCTT GCCTGGCTTT GGTATCAGGA
50201 TAGTGCTGAC CTTGTAAAAA GAGTTTGTAA GTGTTTCTC TTTAATTTTT
50251 TGAAGAGTT TGAGAAGAA TAGTATTAAT TTTTTCAGA GGTGTTGAGT
50301 AATTCACCAG AGAAGCCATT AGTGTCTGCA TTTTCTTTG ATGAGAGATT
50351 TGTGATTACT GCTTCAACTT TATTCTTCT GATTAGTTAT TATTCTGTTT

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50401 TAATTTTCTT TTTCTTTATG ATTCAGTCTT AGTAGGTGTG TCTTTCTAGA
50451 AACTTATCCA TTTCTTCTCG GTTATCCAAT TTGTTGGTGA ATTATTATAC
50501 AAATAGTATC CTGTAATCTT TTATATTCCT GTGATATCAG TGGTTATGCT
50551 TCCTTTTTCA TTTATGATTT TATTTAAGTC ATCTCTTTTT TCTTAGATAA
50601 TCTAGTTAAA GTTTTGTCAA TGTTGTTTAT CTTCTTAAAA AAACAACCTC
50651 TATTTTATTT GATCTTATCT ATTGTTCTCT AGTCTTTATT TTATCTCTGT
50701 TCTAATATAG TTTGATTTTT TTCTGTTAAT GTTTGGCTTA ATTTTGTFTT
50751 GGTGTTTTCT TCTAGTTCCT TAAGGTGTAA AGTTAGGTTG CTTATTTGAG
50801 ATCTTTTCTT AATATAGGTG TTCATTGCTA TAAAATTACC TCTTAGAACT
50851 GGTTTTGCTA TATCCCATAA GATTTGATAT GTTGTGTTTC ATTTTGTCT
50901 CAAGATATTT TTCTCTTTTG CTTTCTTCTC TGATTTATTG GATATTCAGG
50951 GGTATGTTGT TTAATTCCAA CATTTTTTTT AAGTTTCTA ATTTTCTTCC
51001 TGTATTGTGT TTCTAATTTT ATACCATCTT GTTCATGAAA GATCCTAGAC
51051 ATGATTTTCAA CCTTCTTGAA TTTGGTAAAT CTTGTTTTGT GGCCTAATCT
51101 ATGATCCTGG ATAACATTCT ATGTGTGCTA GAGAAGAACA TGTATCCCGC
51151 TGTGGTTGAA TGGAAATGGT TATATACGTC CGTTAGGTTT ATTTGGTCTA
51201 TAGTGTGTGT CAAGTCCAAT GTTTACTTAT TGATTTTTCT ACCTGGATGA
51251 TCTGTTTATT GTTGAAAGTG GGTATTAAAA GTCTTCTACT ATTATTGTAT
51301 TGCTGTTTCA TTCTCCCTTC AGTTATATCA ATTTTGTCTT TATATACTTA
51351 GATGCTTCAA TAGATATTGT ATATCTATTA GCAAATGATG ATGGCCATAT
51401 TAATTTTAAAT AGTCTGTAC TTTTAACTTT TATATTAAAG TCAAACATGA
51451 TCTACACACC ACCATCACAG TATTAGAATA TTCTGAATTT GATTATGTTC
51501 TTATTTACTG TGAGTTTAAAT ATTTTCATGT TGTTAGTTTG CTTTGTFTT
51551 AACTTGAAGA AGTCACTTTA GCATTTTTGT AAGGCAACTA TAGTGATTAA
51601 CTCCCTCAGT CTTTGTGTTG GAAAGTATCT CTCATTTTTG AGGAAACCTT
51651 TGCTAGGTAC AGTATCTCA GTTGACAGTT TTGGATTTTT TTTTTTTTTT
51701 TTTTTTTTTT ACCAGTACCT GACTATATCA TCCCATCATC TTCTGGCATC
51751 AAGGTTTCTG CTGAGAAATC TTCTGATAGT CTTATTGTGG TTTCTTGTA
51801 TGTATAGGT TGCTTTTCTA TTGCTAATTT ATAATCCTCT GTTTGTCTTT
51851 GACTTTTGAG AATTTGACTG TAATATGTCT CAGTGACGAT CTCTTTATGT
51901 TTGATCTATT TGGGGTAATT TACATTTTAT GAATGTAGAT ATTCATCTCC
51951 TTCTCCATAT TTAGAGTTTT CTGTCATTAT TTCTTTTAAG AATCCCTCTG
52001 CCTATTTCCT TTTTGTAGTT TGTTTCTTCT TGGACTTAAA TAATACATAA
52051 TTGGTTCACT TGATGGTCTC CCATAGCCCT GCAGGCTTTC TTCCCTCTTT
52101 TTCTTTATTT CTTTTTATTT TTGTTTCTCC AATTAGGTCA TTTCAAATGA
52151 CCTGCTPTTG AGTTTGCTAA TTCTTCTTTC TGCTTTATCA AGTCTCCTAC
52201 TGAAGCTCTT TAAAGAATTT TAAATCTTAT CTATTGTGTT CTTCAGCTCC
52251 AGAATTTTTG ATTTGTTCTT TTATATGGTT CCTGTCTCTT TGTTGAACTT
52301 TTAATTTTGT TTTTATTGT TCTCCTGATT TTTATTTTCA GTAGTGGTGT
52351 TCTCTTGTAG CTTATTGAAC TTCTTCAAAA TGATTACAGA TGGTCTCAA
52401 CTTATGATGG GGTATGTCC TGGTAAAACT ATCATAAGTC AAAACTGCAT
52451 TTAATATCTC AATCAATTGT AAAGTAAAAA AGTCATAAGT CAACCATCAT
52501 AAATCAGAGA CTGTTTGTAT TTTTAATTAT TGCCACACAG TTCATGGATT
52551 TTCATTTCTT TAGGATAGGC TATGGATGCT TTATTTTTTT TTCTTTGTG
52601 GTGTCATGAT TCCATGATTA TAAGCAATCC TTTTGGTCTC CCCTTGGTAT
52651 CTTATCATTT GAAGAATTAG GGTCTCTCTC TACTCTTTAC ATATTGTATT
52701 TGGCAAAGAA AGCATTTCAC CAGTCAGCCT TTCCAAAGAG TCTAGGTAGA
52751 TAGGCTGAAG TATCTGCAGA TAACCTTGCT GCTGGAGTCC TTAGGTGGCT
52801 GGCTGGTGC CAAGGTCAGC AAGCACGTGG GCCTGGAGCC TTGGTTCACT
52851 GGAGTAGGCC TGGAACTAGG GTCATTGTGG GTGGTCTGG AGCCTGTGAG
52901 TCTGTGGGTC TGTGGATGCC AGCCTGACAC CAGGGTCTAC TGAGATGGAC
52951 CTGGAACTG AGTATATAGC ATCTGAACTG ATGTTATCTG GGCCTTGAGT
53001 CTGAGTCAGT GGGGGCCGGG CTGGTCTTGG GCCAGGCCTG CTGCCTTGAT
53051 CCATGGGAAA GACTTGATCA TGAGTCTGTG GAACTAGCCA GGCATGACAG
53101 TCTACTGCGG TAGTGCTGGC ACCTGAATAC AGAGGGATGG GCCTGATGTC
53151 TGTGATTATG TGTGTGGACC TGGGTCCAAG ATCCATGAGT AGCAGCCTCA
53201 AGCCTGAATT CGTGGATGCC AGCCTGGTGC TCAGGGCCAC AGAGGCTGGC
53251 CTGGCACCGG GTTGGTCTTG GATCCTGGGG CTATAGGAGC CAGCCTAGAG
53301 CCTGGAGCCA CTGAGTCTGG TGTGCACTG GAGTGGGCCT AGAGCCTGGG
53351 TTCATGGTGC CAGCCTAGAA CCTGGGTCTG CAGGAGCCAG CTTGACACTA
53401 AGGTGAGTCT GAGCCTGAG TCTGGGGAGT GAGCTTGAGT TCTGGGTCTG
53451 TGGGCACCTG CCTGGGATCT GAATCCATGG AGGATATCCT ACACATGGAT
53501 CCTAAATCCA CATGTGCCAG CCTGGAGACT GGGACTGCCC AGGCCAGCTT

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53551 GAAACTAGGG CAGGCCTACT GCTTGGGTCT GCAGGGCCTA GCCTGGCACC
53601 AGGGTTAACT GGAGAAGGCC TGATACTGGG GTTCACTATG AACTCATTCG
53651 TCGATCCATT CTTCTCCCCA CATGCTAAAG GTATCATTCT CCATGTTGTG
53701 CTGCATGGTT TTCGGGAAG GTTGATGCAG GTAATATAAA ACTGTCCTCC
53751 TTACCATCTG CTGTGCATCT TTTCTTATTC TCGTGCCTCG CTCAAGTGCT
53801 GTAATCTTTC ACCTGCATTC CTTAGAGCAT GGTAAGGTAT TTTCTGGTGC
53851 GGATGGTTGT TCAAATGGAT ATTTTGTGA AGGGAACTC CTATTCCACC
53901 ATGTTGCTGA TGATACCCCT CTTCTTATTT ATTTATTTTT AAATCATGCA
53951 GCTTAAATA CTGAACATCT GGATACCTCC CCAAATCAAC ATAGGTCATG
54001 TTCAGTAAAT TTAAGCATGC TTGTGTTAGA CAGCAGCTTA CATTTAGAAT
54051 TTTTTTAAAT TGAAGACATA ATTTTAAAT ACTTTGCTTT AAATACATTG
54101 AAACCTTTTG AAACATTTTC AAAGATATTA CACCACATT TATTTAAACA
54151 GAATCTATAA AAATCATATG CATTTTAAAA TTTGTTTGGT TTATAATAGA
54201 AGTACAAGCT CAAAAGTCG CATTTCCAGG GTCCAATATC TGGCTTGGTG
54251 AATTGCTTAT TGTGTGGCTT TGGACAATTG GCTTACCTCT GTGCATGTTT
54301 TCTTATCTGT AGGATAGGGG TAATTGTAGC TACATAATGG AGTTTAAGTA
54351 AGGAGGGGTT GACATAGGTC AAGCTCATGA AACAGTAGCT GGCACACAGT
54401 AAGTGTTCCA AGAATGTTGG CTCATACTAC TAGCTTTTTT TTTTTTTTTT
54451 TTTTGAGACG GATTCTCACT CTATTGCCCA GGCTGGAGTG CACTGGTGTG
54501 ATCTCGGCTC ACTGCAGCTT CCACCTCCCT GGTTCAGCA ATTCCCCTGC
54551 CTCAGGAGAT TGAGTAGCTG GGATTACAGG CACACACCAC CATGCCCAGG
54601 TGATTTTTTT GCATTTTAT TAGAGATGGG GTTTCACAAT GTTGGTCAGG
54651 CTGGTCTTGA ACTGCTAACC TTGTGATCTG CCCAGCTTGG CCTCCCAAAG
54701 TACTGGGATT ACAGGCATGA GCCACCGCGC CCAGCCATA CTACTAGTTT
54751 TAACTCAAGT TTGTCAAACC ATTGAAAGGG AGAGTTTATT AAATAATTTG
54801 AAAAATTAAT TGTCTAATAA GAGTGGTACA GTTACAATTC AGTGTCCATT
54851 CTCAGGAGAT GCTAAGTAGC ACTGGTCATA GACTCTTGCC TGAAAAAGTT
54901 GCCCCTAAAA ACCACACAGT CAAAACAGCC AACAAGCAAC AACAACAAAA
54951 ACAAACAAAA AATGCACCCC AACTGCAAAC AAACAAAAA CAAAAACAA
55001 AAAACTATTC CACAGGCAGC CTGATATGGA GTAATAGTGC AAAACAGGAG
55051 AAAATAAAAT CCAAAACACA GAAAGCCTTC CTTTTAATT CACTCATTTG
55101 AATATTTAAA GCAAGTTAGA TTTGAGTGAC TGCAAAAAA AAATACAGTG
55151 AAGAAAATCA AGACAGCCCA ATAGTCGCAA ATTATATATA AAAAGTAAAG
55201 TCAGTGAAAT GTTGTAATAA TTCCGATGTA AAATATTAAG TGGTCATGAT
55251 ATAGTAACAC TAATACTTAG CAAGAATAT AATGATAGAA TAGAAAGAAA
55301 CAAATAGAAA AGTAAGAGCT TTATTAAGT GTTATATTTA AGACTGTCAA
55351 TCTTAAGGAC AGATATTGCT AACTGGTGTA TTTAGCTAAA TGTGATTCAT
55401 ATCAGTCAAA AAGACTGATG TCTCTGGTT TATCCTGTTT GATGACAAGC
55451 TAATATTTTC TTTCAAAGT GAAATATATG TATAGTTAAT AACATTTTAA
55501 GTTGATTCTT AAAACTAAAT TGGAAATAGT ACGGACCTAT CTTTGAATAG
55551 AAAAGACCAT CCTTATTGGG CTCATGTCAG CTTTCACTGG CAGATTGAGA
55601 GTTCCAGTTG TCAGAGGTCT AAGGAATTAT GACTCCCTCC AAAACAGCTC
55651 CATGACTGCT CCCTTTCTCT CATCCTTCAT ACCCTCATGG TCTGGTCATA
55701 ATTTCTGTGG AGGTTAACCA GGAGTTAAAA AGCATTACAA CCCCTGCTAG
55751 TGTGAATTA ACTCTATCAT AAATTAATG TTTCTAAAA ATTATTGTGG
55801 CTAGTATGGG ATAATTTTGT CAAAGATTCC TTTTACCATT AAATATTTGC
55851 TGAAATTTTC CAAAACAATA GTGTATCCAA AGTAGTGCTA CCTTCTAAGA
55901 TCTTTAGGAA AGGAAGGGAA TCTAACATC ATGTAATATC TTAATCCATT
55951 TGATCCTTAC CGCAATTCTG TAGGCGAAGT AATCTTGCTT TATTTGTGGA
56001 TGAAGACAAAT GAAACTCAGA GAGACATTTG TCCAAATTTG CCAAGTTTGC
56051 AGGTGGTGGT TCTTGAACCT GGAGTTCTCT GGCTTAAGGT CTTTCCACTA
56101 CTTGATGAAA TTAGGAAAA AAAAGAAAA TTAACATAAA ACCACTTAAC
56151 ACGAAGTTAA TTCTTCAGTG CTCATATCAA TGACTATATA GTTAGTTATA
56201 GGTGAATTAA TACATCTCTG GTAAGGATTA AATAATAAAA TATTGGGGTC
56251 AATATTATTA TTTCTATACC TAACATGACA GAGGTGGAAG GAAGGAACAG
56301 TAGTGGTCAA TAGCCAGGG TCCACACTGT AAATCAGCCA GCTACTGTCT
56351 CTGAGGAAGT GGTCAAATTA TTTAACCCAT TGGAGCCTCC ATGTTATATA
56401 AAAGCAGCCC ACAGGATGGT CATGAAGATT AAATAAAACA ATGTGATAGG
56451 GAATGTTGAA CATACTCAG CTCAATAAAT CATTGCTGAT TTTGAAACAA
56501 TAGTATTAAG TAGCATATTT TTTTTCATT TTTAGTTTGC TGAAGACTTC
56551 CACTGCTCTT CTACAGGCAG TCTGTATTTT ACAAATCCA AATACTATAT
56601 TATAAAAAAT ATATAAATTC AGACTAAATG GGAGTTCTGC ATAAATGAAA
56651 GTCATGAGAA TTCCTGAAAC TTGTTTTTTT AAAGGATATC AACATATATT

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56701 TTATTCAGAC ATCTAGTAAT TAGCTCTTTG AACTGCAACT AGAGTGGACT
56751 CAATACATTT ATAAAGGAGA AATCTTGAAG TCAGGAATCA CCAGAGAATA
56801 AGCAGACATT TTTTACATT TCAAATGGAA ACATCCAGAA ATATTCTCTT
56851 TAATATAGGT TTCTTATGTT CGAAGCTCAG GTATTAAAGA TGGAAACTAT
56901 GTTGAGTTT AATGACATCT TTTTGTATTG ATCATCTTAG AGATGTTGTC
56951 TCTAGAGGAT ACTGCTAAAA GGATTGGCAA AATAAATTTA AGAGAGAATA
57001 TTTAATCAGT CTAGTCTCAC ATTGTCTTTC CTTGAGCGAG TGTGTTGCTGA
57051 GGCATCAGAC TAGCAAAATAT ATCTTTGTCA ACATCTGCTC TCATTTTCCA
57101 AATTGACAGC ATTCGGAAGC AGAAGTTGGG ATTAAATGTT ATTCTTAAAC
57151 CTTGGATCAA GCTATAAAAC CACATTCCGT CTGCTACAGA AAAGCCTTCC
57201 TGAAAACATC TCAAACATT GTTGGCCTGA GCCAAACATG TCCTACAAAG
57251 GATGTAAGTT TGTTTTCCAA TTTTCCAGGC TTGCCAATAT TTTCCAAGTT
57301 TATCAAAATG TGAAGCAAAT GGATGTTTTT CTGCAAATGC ACTATTTTCA
57351 GCAGGTCCAA GCAGGGGGAG TCACTAATGA GTGTCATGGG ATAAGGAATT
57401 TATTATCACA ATTATATCTT ACACAACGT GGAAGGGGAC ATGAAAATGA
57451 AGCCCAACTA TTATCATAGT TGGATTGTCA GAAAAGCAGT CTAAGAAACC
57501 AAGCAGATCC AGCTACCAGA TGGGTCTGCC AAGGAAAGCT TGTAGAGACG
57551 TCTGTAGGAA ACTGTTGCTT CTGATATGTT ATTACCTTTG TGGCTCCACA
57601 GTGAAAGACT TTGTGGTGGG CCTAGCCACT GTTGGATAAC AGAAAGATGC
57651 TGGATGCATA GTGAAGAGTT AGGACAGGCT AGGACCCACC AGGTGTCTCT
57701 GCATCTGTCC ATCAGCAGCAT CTGACTGTGA TGACCCCTCAG AGACTAATTG
57751 CFACTCAACT ACTCCACTTT CACCTCCCCA ATCTCACATA TGCTGCTCTT
57801 ATTGTCAACT TATAATAATT TGAAGGGGAG GAGATTTTCA GAAACATGAT
57851 TTCCAGCTTA ACCAGATATA CAGTGCTCCA TCCTACAGGC TATTGATGCC
57901 TGTTCCATGG ATGGCCTTGG TGAGGATGCT TCAGCGTCCC TTTGAAGCTA
57951 TTTAACTTTA TTTTCAGAA AGTGCAACAG AAACATGCTC AGAATCATG
58001 CTTTTCTTGA TACTCAGATG TTTTCTCTTC TTCATTAAAT CTCTCTGGTG
58051 GCTCTGTTTC TATCCTCAT TTTAAAGCCA AAGTTCTTAC AATGACCCAC
58101 GAAGTTTGAA GGTGACTC TTTATTTGGT CTCTGGTCTT GTCTCCCAA
58151 CTTTTCTCTC TCCTTCCCTC AGCTCCAGCC AACTGGCCT TCTCATTGTT
58201 CCTTGAAAAT GTCAGACATG CTCTGCTGTA GTGCTGTGC ACTTGCTGTT
58251 CCTGGAATGC CTTTCTCCAA AATAGCCACA TGAATCATT CATCACCTTT
58301 TCTGCTCTT TCTTCAAATG TCGACTTCTC AGAAAAGCCT TTCATGACAA
58351 TTTTATTTAA AACTGTGCC CTTACTTCCT CTTACCCTT CCTGTTTTAT
58401 TTTTTTCCAT TGCTCTTTTC ATTATCTACG TACAATATAT TACATATGTA
58451 TTTTGTGTGC TATCTTTTCT CGCATACTAG GACATAAGTT CAGTAAGCAG
58501 AGAGAATTTT ATCTGTTTTG TTTACTGCCA TGTATGGCAT ATGAGGGTGG
58551 ACAAAGCCA GTAGCAATGT TACAAGTATG TGTGAATGT ATTTAATAAA
58601 ATAGAGTTAC AAAATCATT TATCTATTTA TAAGAATTAT GCATGGGTTT
58651 TGTGTCATGA ATGCAAGGTC TAATTTTAAA TGCCATATTT CAAAATTAAT
58701 AACACTAGAA AAACCTAAAT TCCAGTCAGT TTTTCATCGT GATTTTCATC
58751 TCACCAGTGA GGAGACCTGC AATGTGAAGA AATATTCATT GAATTTATCC
58801 AGCTTCATAA TTTCTTTTGT GCAGGGTATT GAAATAGTCG GTCATAAAG
58851 CAAATTTTCT CAGACATTTT AAGCAATGTG TTCTCTGCTT GAAGTCTTGA
58901 ATTAATCATT TTCTAACTGA CCCCCTGAAA CATTAAAGGAT TGAGCTTAGT
58951 GACTTGAAGG AAAGACAGTT TAAAACCAAG TATCTAGATT TATTTGCTAA
59001 TTTCTTACAT GTCATATATG AGACACTAAT CTTTAAGGAC CCCATGCTCA
59051 AAAAAGTATA ATATATGTAA TGAAATCCAA AAACACCTTT ACTTACTTAC
59101 CACATCACTG CTGTCTCCCC TGTTACTACT TTCATTTTTT TTCAACTTTC
59151 AATCTAATTT TTACCTTCTT CATTCTCTTC CACTAGGTGT ATTTGTTTTT
59201 ATTCTCTTAG ATTATCAGAA TATGCATAAA TAAAGTTGAA AGCCAATAAA
59251 CATAGGGATT TGGTTAATAA ACATAGGGAT TTAATAAACA TGTAATGAA
59301 TGTTAATAAA CAACCTGAAG AATTCAGTCT CTGGCCTTAT TGCTTACTGC
59351 AGCCTGACAT TGTGAATTTT TTTTATTTC TCTTAGTTTC ATCTGTTAAA
59401 CTAATAAATA AATTAATAAT AATAGATGCT ATCAAATGAG GCTTTTATGG
59451 GGATGAGATG AGCTAATACA TACAAAACAT TTAGCACAAT GCTGAAGACA
59501 AAATGCAAC TGAATTCATG TTATTATCAA TATCATTATT TATAAGGTG
59551 AATATACACT TGGTATATAA TACTTCAAAC CTCTGGTTCT CAGTTTCCTC
59601 AGAAATATAA TTAATAATTA AAATAGAGTA TCTTTAATCT CCATTTTCA
59651 TATAAATTC TGATTCTATA CAATATAGAT TGGATATGTA AATGGCCATA
59701 TTTGGATATA TACAATAGGA TATAATCTCT AGTGAATTAT CTCTTAAAT
59751 AAACAATGAT GGCAATTTAA CGTTATATCA TTTTACCAGT TTATTACAGT
59801 CTTTTAATGT GACAGCTGTT CCAACCTTAA AAGGATCAA ATCATACTCT

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59851 AAACAGTATA CTTTTCGAAT TGAGTAATTT TTGTTTAGAA ACCAGTCAAA
59901 ATAATGTCTA CTGCAAGAAA TCTCATACTT ATAAGTACAT TCTATCCTAA
59951 AAGTTGTTGA GTCGATTGTT TGGAACCTA ACACATTTTA CACGTAACCTA
60001 ACTTTACATA AGGTTAGACA TGGGGGCTGT GTGTCTCCAT GCTTGAGAAA
60051 AAATTAGTTC AATTAGGAAA ATATAAGAGG GTAAATAAAA ACGATTTTGC
60101 AGAGTCTAAA AGTTGTGTTT GGACATTGTC ACAAACGTA GGGCACTGGG
60151 TTGTTATCTT TAATAATATT TTCTGCCCCT ACCCTTAGAA CTCAAGGATT
60201 CTGTTTCTAG ATATTGATTG TACAACCTACC CTAGCACTGG CTGGCACGCT
60251 GTTATTCAGT GCATCACTTT TTGTAGTGGT AGTAAATGAT TAGGAAAAAA
60301 TCCCTACAAA TGCTTCAGTA GAGAATGTGT TGCATAAATG ACACAATCAT
60351 GCAGTAAAAT ACAATGCAGC CCTTAAAAAA GAATGAGATA TACTTTTGTG
60401 TACTTACCTG AAAACATCAC TAAGATATAT CATCGAGGAA ATGAAAGGAG
60451 ATGCAGAAAG CTTTGAGTAA TAGGCTACAG TTTTGTGTG GAGGAAAAATA
60501 ACATCTTTAT GCCTGTGTCT GTGGATTACT ACTGACTATT TTTACCTTTA
60551 AGGAAGGGAA TTACTTTTCT GGCAACAAGG AAGAGAGACA AGAAGAATTT
60601 TGTTCTTCTT TATCAAATTC ATAATTCATA AGCAAATGAT TTAACCTTGT
60651 ATTTTCCACC TCCTTGAATC CATTTGCACC ACTAACATTG TTGCTATACC
60701 AATTGATCAT GCATTAGAAA GTTTTGTGTA AAATCAATT GCAGCAGACT
60751 AAGGGAGAAA ACACACATGT ACCTTGAGGA AGTGGAGGCA ATTGAGAGGG
60801 GGAAGTAAAG GAGGATTTAA AAGGATGTCT GAACACATGC AAGAGAGAGA
60851 TTAATTTAAG TGAGATAATT ACTGTGTCCA GTGGTTATGT ACAATGACAC
60901 GGAGTTGAGC AAAATTATTC TGAGAGGGAA GAGACCATGA GGGAGCGTGG
60951 TTGGCTCAGA CAGTGTACTA CCACCAGGTG ACGTTATCAA CCAAGACAG
61001 TTTGGATGCT GTTATAAGTG GGGTACCAA AGGGGGATAA AAATGAAATG
61051 GCATTGGGAT TAAAAAGTGG AAAGAAGTGT GTGAGCAACT ATTCAGAAAT
61101 TATAACAAGA AGTACATATA ACAACTTAGC TCTTACAGGA TAGGAAAGAG
61151 TATAATATTG TGTGCACGCG TATAAAAAGA TGTATATAAA TTTTAAAGGG
61201 CTGGACATGG TGGCTCACGC CTGTAATTCC AGCACTTTGG GAGGCTGAGG
61251 CAGGTGGATC ATGAGGTCAA GAGATCGAGA CCATCTGGC CAACATGGTG
61301 AAACCCCGTC TCTACTAAAA ATACAAAAAT TAGCTGGGCT TGGTGGCACA
61351 TGCCTGTAGT CCAACTACT CAGGAGGCTG AGGTGAGAGA ATCACTTGAA
61401 CCTGGGAGGT GGAGGTTGCA GTGAGCCGAG ATTACGCCAG TGTACTCCAG
61451 CCTGGGCAAC AGAGCAAGAC TCTGTCTCAA AAACAACAA ACAAACAAAC
61501 AAAAAAACA AAAAAAATT AAGACTGGCT TAAATGCTGT CGTTTTCTT
61551 AAGGTGAAAG CTCTCTACA ACTTTTGAA AAAATACTTT TTGCCATAAT
61601 TTTTGCCAAC AAAACTAAAC AAATTAACT GAATATTATA ACAGTTGATA
61651 AGTAATTAAA ATTACAATAA AGTTTTTTTT GGATTTCACT AAAATTGCGT
61701 TTGAATGACC TAGGCAGATG AACCCTCAG AAAGACAAA AAAAAAATA
61751 AAGAATTTGT TCCTCTCCAC TAAAGGGTGT AGACTCAATG GGTCAATAAT
61801 TGGCCAAGTA GTAAATGCGT ATAATCAAT GAATAAATTT ACTGTAAGTA
61851 GACACAGGTC AGTTCTATTT CAGAATATCA TGCTATGCAG TGATGTCTGA
61901 TAGTATGTAC ATTAGTTTAA AATGAAAATA TCTAAATAT CAGTTTCATA
61951 ATGAGGTAAT TGTGAATCAC ACCCATTTAT TCTCTATCAT CTCTTTTGT
62001 GTGATTTAAT AATTGTAATA AGTATTAAAA TCACATGATA AAATATACTT
62051 TTGAATTTTA TTGCATATAG TGAAGAACCT TGTGAGATTA TTTATTCAAG
62101 AACATTCAAT GCTTATCTAC CGTGTGCCAG GTTCTGTGCA GGCATGATA
62151 ATAAGATCAG GAAAAATATA CATAGTTCTG CCCCTCACAG TGTAGAGTAA
62201 TGAGAAGATA AAGGATTTGA ATTTAGACTT GTCTGGTAAC CCAAGACGCT
62251 GTTTATAGAT TGCATTACTT GACAGTTTAA TGAGCTTCTC TAATTCTCCA
62301 TTTATTCAAA ATATATTTAT GGAGACTCTC CCATCTGCCT ACTACAATTT
62351 AAGATGGTGG ACAAACAGAA ATGAATAAAA CAGGTAAAAA TCCTTAACCT
62401 TAAGAGACTG ACATATCAAT TTCTTTATCA GATAAATAAT ATAATATCAA
62451 CTTCAATTGTA ACAAAGATGA AATGAAAAAA TGTATATATA GAGCACTGAG
62501 ATTAGTTCTA GAAAAATAAT TGACTTCCAA TAAAGAGAAA TTCCCATTTT
62551 CCTTTGATTT ATGGCTCTTT AGACAATTTT TTCTACAAAG CCTCATTTT
62601 TTAGAAAGAA GGATCTCTGT TTTTCCATC TTTGTATTCA AGATAGGAAC
62651 TTAATTTTAA TTGAATTGCT ATTATTTGGA GAATCATTTA TTTACCACAC
62701 GCATGCCAAA AAGTGTCAAC ATATTGGACA AAGTTAGCCT TTTTAAAAAA
62751 ACAAATGATA ATAACCAGTC TTATAAATTA TATAAATCT GCTTCAACTT
62801 ATTACATTCA ATGTGATAAT GCAATTACTG TTAGTTCAAT TTATATCAAT
62851 AGTTTGCCCT GTTTCACACA AGGGACCAAA TAAATACAT AGTATTCTCT
62901 TTCTTATGGC ATAGTCAGAG TCATGTATTT TAACCTTGAT TGAAATCTTG
62951 GCCCTGTTAC TTGCCATAAG GCTGTTGGTA AGTGCTTCAC TTTGCTGGGT

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| | | | | | |
|-------|------------|------------|-------------|------------|-------------|
| 63001 | CTTCTGTTT | TCTCTTTGT | ATAATGAGGA | TGATTAAAAC | CTCACAAGGT |
| 63051 | TGTTAGGAGA | ATAAATGAG | ATACTGTAAT | ACAGTGAGTA | TATGTAAAGC |
| 63101 | ACTTAGCATA | GTGCTTGGCT | TATATAGGAG | ATGCTCAACA | TATATTCGTC |
| 63151 | TCCTCAACTT | CAATATTTAC | TCTTACACTT | TTACTACCAT | AAGTAGAAAG |
| 63201 | TACAGTCAGC | ACTCTGTATC | AGTGGGTCT | GCATCCATGG | ATTCAACCAA |
| 63251 | CTGCAGATCA | AAAATATTGA | CAATAAAAAG | AATGTGTCTG | TACTAAACAT |
| 63301 | GTACAGACTT | TTGCTCTTGT | CATCATTTCC | TAAGCAATAC | CATATAACAA |
| 63351 | TTATTGATAT | GGCATTTACA | TTGTATTTCAG | TATTATAAGT | AATGTAGAGA |
| 63401 | TGATGTGAAG | TAAACAGCAG | GATATGCCTA | GGTCATGTGT | AAATATTTTG |
| 63451 | TCATTTAATA | AAGAACTTGA | GTATGCTTGG | ATTTTGSTTA | TCTGTGGGGG |
| 63501 | TTCTGGGAC | CAATCTTCCA | TGGATACCGA | GTTATGTCTG | TACTATACTG |
| 63551 | GTGGTACTTG | TCAAACAGCA | GAATAATCCT | AGGGATTCCA | GGAAACCCCT |
| 63601 | TAGGAATTTT | GGAACACTTC | TCTCAGAGTT | TCTATTGATG | TTAAATCACA |
| 63651 | GCCTTTTATG | ACTAGTCAAA | GATGGTGAAT | GGGCACTGAA | CTCCAAGTAC |
| 63701 | CAACTCTAGT | AACAAAGAAT | TGAGAACAGG | GAAAGAGTGA | AGAAGAACTA |
| 63751 | AAAGTTGTTA | GAGGGCTTAT | ATATGAAACT | TCTTATAGTC | TAAGAACACT |
| 63801 | GGTCTCATGA | CCAATCTCTA | CCCAAGCCAG | AAAGTTACTT | CATGTTTCATC |
| 63851 | TTCTCTACAT | TACTCCAGTT | AAAGCTCCAT | GGGGAATGAG | AAGCAGAAAT |
| 63901 | ATACCTAATA | TCTCAGGTAA | AAATGAGTGG | GAGAAGAGCA | GATATTATAA |
| 63951 | AGATATGAGA | GAAATCCCA | TTGCCTTTTA | AGATTATGGA | ATGCAGTACA |
| 64001 | CTCAGGTCCC | CTGGAAGGGA | AATTAGGAAT | CATAAAGTCC | TAGACTGAGC |
| 64051 | TACTGTCTCT | TTTAGAGACT | ACATGATCTG | AAGCTCTTTC | CTCTCTTCCC |
| 64101 | TCTCCCAATG | CATCTCCTTA | ATAGCTCCTC | TTTCTCCTTT | CTCTCCTTCT |
| 64151 | CTTCTCTTCT | CTTCTCCTCT | CCCTTCCCTT | CCTTTCTCCA | ATGCATCTTT |
| 64201 | CTCCTCTCTT | TTTGTCTGTC | TCTACCACTA | TTTTTTGACT | TATATTTGGC |
| 64251 | CCAAAATACA | CTCTTCAAAT | CAATATGTCT | TTTCAGCTGA | ACACCCAAAA |
| 64301 | GATAACCAAT | TCAGTCTTGC | ACTATTTTAA | CTACACTTAA | CAGAGAGAAA |
| 64351 | CTGATTTGGC | CCAGATCGTT | TGTATTGGCC | AATGATTGGC | CTCCCTCGAC |
| 64401 | TTGAAGATGA | GCACATGGGG | TTGTGTACAT | GTAATACTTA | CATGAAGCCT |
| 64451 | CCCATCCAGA | GGCTACATGT | AGGTAGAGAA | GGTTCACTAG | GAAGGGATCA |
| 64501 | TTTATATTCC | TAGCACCACA | CAATGGATGT | GGAATGTAGT | ATGTACTTGA |
| 64551 | TAAATACCTG | CTAAATAAAT | GAGAGAACGG | TATATTCATA | GCTTATTTTT |
| 64601 | GTAAATGTGT | ACTCTTTTCA | TACTTTACTA | GCTTTACTAA | TAATTGACAG |
| 64651 | CCAATATGTG | TGGACTGCTT | ATGAGCCAGA | TGTTGTTTCA | TGCACAGTCC |
| 64701 | ATGTATTAC | TCTGTAATCC | TCACAATATT | CCTATGAGAA | AACCAGGCAT |
| 64751 | AGATTGCTTA | AATAACTTGC | CCAAGTTTAC | ATAGCTAGTA | AAGAGCAGAG |
| 64801 | CCAAGGCATG | TGCCTAGGTA | CTTTAAAACT | GGCATCCACA | CTGTTGATCT |
| 64851 | GTATGCTGAA | TCCACTCTCA | ACATGCACTT | TATTCTACAC | AGTATAGAGC |
| 64901 | AAGTCTATAT | TCACTTATGC | CACTATGGAT | ATTTTAGCAT | TTGTAGTAG |
| 64951 | TTATTATTAA | AAACAAGAAA | ATGAAATTGT | ATAGCAGCAA | CTTAATGGAC |
| 65001 | ATCAAGGAGG | TCAAAGAGTT | TTCTGGTACA | CAATGCAAAT | GAATGCCTAA |
| 65051 | AAAGTATAAT | CATCTTGGTC | CTAAAAATCT | ATTAGTTTTT | TTCCTTTTCT |
| 65101 | TTGCATTCTC | TGGTTATATA | GCTCTACATT | CTTTCCTTTT | ATAATCAGTT |
| 65151 | TTTTACTTTG | ATTATTCATT | TTATCCATAT | CCATTGACT | TTTAAATGTG |
| 65201 | ATGGCTACTC | TTTTAAAAGC | ATCATTTACA | CTCAATTTCT | ATTCCGTAGC |
| 65251 | CCCAAACAC | AACTCATCAA | TGCCTCCTCA | AAGGGTAACA | TGTGAGTAGA |
| 65301 | AAGAGAAGCA | TGGTAGACAA | TAAGAGGAAA | GTATTTTGTG | CAACAAAGAA |
| 65351 | CAAGTCACAA | TGGCAGTGTA | ATTTCTAAAA | TTCAAATACA | TTATGTATAA |
| 65401 | TACAAAGATA | ATGAAATGAA | AAGTACAATA | TAGTTCAAAT | TAAAACCTAGA |
| 65451 | CTCACTGTTA | AAGAAACACA | GACTAACACA | ATCAGATAAT | TTTTTTTTAC |
| 65501 | TAAACTAGTT | CATTTTTTTG | AAAAGATAAT | ATTCCTGAT | ATAGAGAAGG |
| 65551 | CATGCAGTAG | GAGAGTAGTG | TATTTCTAGC | AAACAATATG | GTTATATGTA |
| 65601 | TTAAGAGCTT | TCGAATGTTT | ATTCACCTCT | CTTTCAAAAA | TTATATTCAA |
| 65651 | AAAAATTATT | TCAAGGGTCA | CATAAATTG | TGTACAATGC | TGCTCATCAC |
| 65701 | TGTTTTATTT | ATACAAATTA | ACATCTTGTA | ATTTAAATGA | TCCATGAGAG |
| 65751 | AATATTAGT | TACAGATTGT | ACATATAAAA | TATTGTGCTA | CTATTAAAGT |
| 65801 | GCTATAGAA | AATTAATATC | ATTATTAATT | GCCCTGAAG | TGATGCCTAT |
| 65851 | AAAATTATTC | CAGGAAACAA | GTGTGGATGC | ATACACATTC | GTAAACAAAG |
| 65901 | GAGACTCGAA | AGACACCAA | ATATTTATAA | TCATTATTTT | AGTGGGGTAG |
| 65951 | AATTATACAC | TAGTTTCTT | TTTATAAAT | TTTGATATTC | AGAATTTTCT |
| 66001 | GTGATAAAAA | GTTTGTTTTG | AGGGCAATAT | TCTTCCACTG | AATTTATAGT |
| 66051 | TAAAGAAATA | TATTTACTGA | TGACTTCTTA | CCACACACAA | GCCCAGAGCA |
| 66101 | TCCACATGCC | AGTTCATCTT | GGGAACAGAC | TTGCTCTTGG | TACATTTGGC |

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66151 CCAAAATCTT ATGGCTCTAA GTTAGAAGAA ACCTACAGTT ACCCACCCTC
66201 CACACAGGAT AAGAGTTGTA AAATACAATC AAATACTACC ATTCTGATAA
66251 TCCCCTCCC AGAATGAAAT TCTTTGCATA AGCAACACAG AAATGAATGT
66301 TTCTATCCAA TTCCTTCTTT CTCTCCCTTC CCTGTTGAGG ATATAAGATC
66351 TCTCCACTTC TGACCCATGT TTTGCTAATC ATTTAAAAAG CAAGTAATAA
66401 AATCAATGAG GTAAAGAAAA TAAAATGTTT AAATAATACA AGTTTAAATG
66451 ACTCAAGTTT AAAATAAGCT TAAAGTGAAA ATAGACCTAA GAATATATTT
66501 TAAATAATAA TTTATAATAA GGACATTGAC ATAAGTGTAAG AAAGTTTCTT
66551 TTCCTGATCT GAAAGGCTTT ATATGAATTT TCATAGATTT GTATTTTCATG
66601 GTATATCCCT TGAACCTACT CTCCCAAAAA AGAAATCACT AATCCATGAC
66651 ACTGGAGCTC TGAAGTTCAA TAAAATAGC ACCTCAAATT ATTTTCTTTA
66701 ACAAACAATG ATTTTATTAC CAGAAAAAAA ATCATAAAAT ACTAAGTATG
66751 AGTGTGAAAA ATAAATTGTC ACAACTGGTG AAAGCAGTGA TAAAAATATT
66801 TTTTGTGTTT GTAATTTTAA GAGAAAGACA ATCCCGTTTA TCATATCATT
66851 TTATTTTAT TTTAAACAAT GGATAATAAT AAGGTTGTAA ACATTTATGA
66901 AATACTGATC TTCCTCAGAA AAGGTTTATC CTAAGTACTG TTTTTTGATA
66951 ACACTGCTTA TGATAAGCTA AAGTTTGATG CCAGCTACAA AATGACAGGC
67001 TATTTTCATAG GTTTTAAAAA TGTTGAGTTT TACACTTTTT TTCTTTTGTT
67051 TTTGCTTTTG TAGGTTTTTG TTTTGTGTTT TTGATGTGCT TTTTGTGTTA
67101 TTTTGTGAGT CATAGTTTAA CACTATTTTT ATTTGCTCTT CTTTCGTTGT
67151 CTTTTGCTGA CACATTTATT TCAAGTTGGC AAGACATAAG TTTTCTGTGT
67201 TTTGTTTTTT TAGACAGTCT CACTCTGTTG CCAAGGAGGC TGGAGTGCAG
67251 CGGCGTGATC TCGGCTCACT GCAACCTCCA CCTCCTGGGT TCGAGCGATT
67301 CTCATGCCTC AGCCTCCCAA GTAGTTAGGA CTGCAGGTGC ATGCCACCAT
67351 GCCCAGCTAA TTTTGTATT TTTAGTAGAG ACAGGGTTTC ACCATATTGG
67401 CCAGGCTGGT CTCGAACCTC TGGCCTCAAG TTATCAGCCT GCCTCGGCCT
67451 CCCAAAGTGC TGAGATTACA GGCATGAACT ACTATGCCCG GCCTCTATTC
67501 CTTTGATATT GGAGGACAGA TTATGTCTAT CATTTGACAG TTACAAATTA
67551 TCTTGTTTAA GGAAATACAG CCATGTTTTG CTCTAGGAAG AATTCTGACA
67601 TGGTATAAAA ATTAACAAC TACCGTTCTA CAAAATATGT TTAAAGATCA
67651 CTGTCATGAT TGAGGTGAAC TTATCATTTG AGGTGAAACT TTGCAACAAT
67701 TGGGCTACTG GGAAAAGATG GGTGCAAAGC TTCAAGGAGA GCGATTAGGT
67751 TAGCCATGTG TAGGATTTTT CTTTTTTACG GAAAAAGTGG AAAGTAGACC
67801 TTTTTGTTTT TCTTCTCTGA GTTATATATG TCTATTTCTT CCGCTGTATA
67851 AGATTCTCAA ACACAGGGAT GATATCATAT TCACATTGGT ACACATTAAA
67901 TGAATGTTTA ATGCATTGAA TTTGTTGAAG TGGGAGAAAG AAAGAGGGAG
67951 CAAAATGCTA GAGATGTAAA AGCTAGTTAT ATTTACTTGA ACTGTATTCC
68001 TAATTGGCTT CCACTATTGA TTCTGTGTGT TCAAATGGGG CTTTCAGTAT
68051 CTTAAGTTTA AAATAGATTG ATGTGTTTCC AAATATATCT GAGCTGGCTG
68101 ATCTGGTGGT CACTTGACTT TAATACTTGT GGCCAATGGA AAAAGGGAGA
68151 AAAAGGAAGA GATTCAATAA ATACTCCAAC AGGAGAAAAT GTACAATACT
68201 GAATTAATTG GAGCAAAAAG AAATGTTTAA CTTACAGAGT TACTGTCATG
68251 GGGATTGAAT GTGATAATAT ATGTTGTCTT TTTTAGAGAT CATTTGGATA
68301 CAAGAACCTG AAAACTGTTT ACTAATACAA ATAAATAGGG ATACATTTTA
68351 GAGGCTACAG GAAAATTCCT TAATGAGTAA TCAAAAATAA AAAAGTATAG
68401 CTTACCTCAT AAAAAATTAA AAAGTCTACA TTACTCTCTT TATCTCTTTC
68451 TCTCTCCCTG GGACCTCATG GTCTGTCTC AACTCATTTT TCTAAATGTC
68501 TGTGCCATTC TTTATGATAT TTTTGGCCTA GGATAACAGA AAATCTAACT
68551 ACAAGAGGGT TATACAACAT GAGATTCAAT ATCTTATATA ACAAATGTT
68601 TGGAGGTAGA ACAGATTGAG CAGTGGTAAT TCAACAGATC AACTATGGCA
68651 TGATGGATCT AGGTTCTTCT TATCTTTATA CTTTTCTGCC TTAGCCTGTA
68701 GGCTTACCTG TTAAGCTGGT GACTTCAATC GGGCTCAGAT AAATACCTCA
68751 CTCTCATGCG TCTGTGCTT TGAGAAAGAG AAAGGGATTG TGTTCTTTCA
68801 CGCACATTTT TTTTAAAGAG CAAATACTAT CCATTAGGTG TACTCTGGCA
68851 ATAATTTTAT TTGTGAACCTA CATAGTATTA TAACAATAAT TTAAAGCTAT
68901 TTATAAAGCT TTCAAATGGA GATAGTCTAA AGATATAAAA ATATGAGATC
68951 AGATAAAAGG CTAGGAAAAA AATCCAACCT TCACTCTGAG ACTATTATAA
69001 GATCAAAAAG TTATAGGCAG TCACATGTAA ATTGTTTAAA TTTGTAGAAA
69051 TTTTATTTCAT TTGGAATACT TTTTATATTA AAGTTTATTA TAATAGCTGT
69101 TATAGTAATT CTAATTTAAA TAAATAACAT ACCAAAAAAT CTAGTAGAGG
69151 CAATAAAAAA GTATAAAAAA AAGAATGATG CAAATCCAAA TGTAACCTTC
69201 AGAGAAAAGG GCAACCAGGT GTACCTTAAC ATGGAGGGAG GAAACTGAGG
69251 AAAGTTTCAT GGCTAAAGTG ATATTTGACA TCTAGAAGTT GGGATAGAGG

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| | | | | | |
|-------|-------------|-------------|-------------|-------------|-------------|
| 69301 | AAACCTACAC | AAAGGAGGGA | AACAGAGTAA | ATATAGACTC | ACAAAAGCCA |
| 69351 | AGTTGCAAAT | ACATGAATAA | TATTATGGAA | TCATGAGAAA | TTTCATTTC |
| 69401 | TAAGAGCAAT | GAAAAATAAC | ATAACATGTA | GAGTGGATTT | TGATCATGAA |
| 69451 | GTTCCCTGAG | AGTCAAGCTA | AGAAGTTTTA | GTTTTGCATT | TAGAAGCCGG |
| 69501 | AAACCATAAC | ATATTTC AAG | GAGCCAGTAA | TGTGCTTCAG | AAAATGGAAA |
| 69551 | TGGTCTGCAG | AATGTTGGGG | AAATTGGAGA | TCTGTAGACA | CTACAATAGT |
| 69601 | CTAAGCAAGA | ATTTCATGAT | ATCTCAACCA | GAGGTGAATG | AGAATGAAAA |
| 69651 | TGAGAGCTCA | AATCCATGAG | ATTGTACCAA | GTTGTAGAGG | CATAAAACAT |
| 69701 | AACCATCACC | TGGATAGGAA | GAAAAGGCCA | GTCTAAGATT | TTTGGACCAG |
| 69751 | ACCATAGAAA | CTAGAAGAAA | GGTAATGCCT | TTACCAAAAAG | TATGACAGTG |
| 69801 | AGGAGAAAAT | TTTTAGGAAG | ATGTGATGAA | TTGTTCAGAT | CTGGGTCCAG |
| 69851 | TGCAATTGAG | ATAACTAGTG | GGACGTTAGT | TGCAAAATATT | TGGGAAATTC |
| 69901 | AAGTCTGGAG | CCTGGAAGAA | AATTCAAGAG | TATATTTAGA | AATATAGATG |
| 69951 | CTTTCAACAT | ATTGATAATA | CACAAGAACA | TAAGAGGAAG | AGAAGAGGTG |
| 70001 | AAAATAAATA | GATTCATGAG | ATGAAAAACA | AAACATTACT | TTCTCATAAT |
| 70051 | GTGTATTATT | CTATCCGAAT | CATATAATAG | TCACAGTTTC | AGGATGAATT |
| 70101 | TCTGCCATCT | TAATTGATTT | CTCAAAGCCA | TTATCTCAA | GACGTTAGTA |
| 70151 | TCATTGTTTT | ACAGTTTATG | AAACGGATGC | TCAAAGAGGT | TAGACGTTTG |
| 70201 | ACCCAAAGCA | TACAACTCTGA | AAGCAGAGAT | ATTGGAACAC | TTGTGCTTGG |
| 70251 | CTTTAGACTG | TAAATCTCAT | CTTTAATAGT | TTATAGTTAA | CTGAAATAAG |
| 70301 | TATAAATATA | AAAGCTTTGT | ATTTGAAATA | TTAAAGAAAA | TATGTATATA |
| 70351 | TATGAATGTA | TATATATATG | TAAATATGTA | TATATATTAT | ATCCAAGAGT |
| 70401 | AATGTTTCAGG | AACCTCTATAT | TTTAATTAAA | TAATTTAAAC | ATCTCTACTG |
| 70451 | TTCTCTAAAT | TCCTTCAAAT | TTTGAATCAT | CAAAATAAGT | TCATTTCAGAT |
| 70501 | TTTATAAAGT | AAAGGGATGA | GTGGATTGAT | GTGAGAATTA | TCAGGCAAAT |
| 70551 | ATGTAATCAA | ATTCCCATGT | ACTCAGTCTT | ACGATGTAGC | ATCTGTGAAT |
| 70601 | AGCTGCAGTT | TCCAAATTAA | ACCAGCCAAT | TGTTTCATTA | ATGTTACTAA |
| 70651 | AAATTTAAAG | TTTAAAAGCT | CCTAGTTGGA | CAAATGGTGA | ATTAATTTAA |
| 70701 | ATTTTAAATC | AAGAGCATCG | CTTTGCTTTT | GTATTGTACC | ATTCTAAAAA |
| 70751 | TCCCAAAGGG | TTAAAACAT | GATTATACAC | CTATGTTCAA | GATTAATTTG |
| 70801 | TTTATAAGGA | CAGCTGTGCC | TTCTGATTTG | CTTATTTGCA | TCCTAAGTTT |
| 70851 | GTGTGTTTAC | AAAATTTGAC | TGTTCAACCT | GCAGATGCCG | TTTTTAATGT |
| 70901 | TTTGCTTCAA | AACCTTTAAC | CCCTTGAGTT | TCTATTTTAT | TCCATGTCAT |
| 70951 | TTATATATAT | ACATATGCAT | ATATGTGCAC | ATATGCATGT | ATTTTATAAC |
| 71001 | CTAACATATA | TATGTATGCA | TAATATATAT | AAACTATATA | TAGAATATGT |
| 71051 | ATATACATAA | GCTATAGTAT | ATACAATTCA | GTTGGTAGGT | GGTCTGTTCC |
| 71101 | TTAAAATAAA | ACTGTATTTT | TCTCTACCTT | TTCTTTGGAG | ATGGCCTTTC |
| 71151 | CTTAGTATAG | TCTATAGAAG | GCTGTTATAA | GCCGGTTGCA | ATAGCAGTAT |
| 71201 | GTGGGCAAGA | GGACTGTAAA | TCAGTGAAT | ATTATTAGTT | TATGAATATT |
| 71251 | CATTAAATTT | GTTTGTATGC | AGCAACTCAA | CTTTGTAAAT | GGTTGCAGCC |
| 71301 | AAAAAAAGCT | CTAATTAGAG | GAATTAATTA | GTATTTGGAA | AGGTATACAG |
| 71351 | GGATAAGTGG | GCATTTTGAA | GAGGTATTTT | TTCTCTCTGT | TGAGAAAAAT |
| 71401 | ACCTTCTAGG | GAGCTTGCAA | TACAATTTGT | GTGCATATCA | GGTAGAAATA |
| 71451 | AACTGGAGCG | TTTCCAGTTT | TAAGGCCGCA | AGAGAGCGGA | GGTCTGTGTG |
| 71501 | TTCAAGCTAG | CACAAGATAC | TTGTAGATC | ACAGAATACC | TTGGTCTTTT |
| 71551 | CTTGTTGGAA | TTCAACATGT | TTTAAAAGAT | GTTGTTACTC | ACCAACCTTC |
| 71601 | AAATGCCACA | TTTAACCCTA | CTATAAAGTT | AAACCAAGTT | AAACAAGAAT |
| 71651 | AATCTGACAA | CGGAAATTAT | TTTCCATGTC | AGAGTGGTGC | TTCTTTGCCT |
| 71701 | CTGTTACCTC | CATAATATCC | CTGCCACCAG | CAACCAAAAA | GAAGCAGCTG |
| 71751 | TTCTGAATAT | GTACAAACAA | AAGAAGCTGT | TACTATAGCA | ACCATAGAAC |
| 71801 | CCTGTGGAAT | AGCTCTCCCT | TTAACACTAG | CCAACCTCTC | CTCTTCACCC |
| 71851 | CTCCTTCCTT | TCCTTTCCCTG | CGCCAGCACA | GACTGCCCTT | GGACAGAAAT |
| 71901 | GATACTTTGG | CGATTGACAA | TGGGGAACCA | GAGTAAACAC | TACAGCCTGC |
| 71951 | ATTACACTTT | TCCAAGAGCT | GGAAGACTTG | CTCCTGGCTA | AATCCTATGA |
| 72001 | AAAGGCTGCA | GAACCTGACA | ACACTTATGA | AGCTCTTTGT | TCCTTGTTTC |
| 72051 | CCAAACCTTC | CTTCATCCTC | CTTTAAAAAA | ATCCTACTGG | CCTCTCTCAC |
| 72101 | CTATGACTTG | ATGAAGTAAT | GATATCTCTT | TTACCTCTCC | GTTGTCAAGT |
| 72151 | TTTCTCTATC | CTATATCCAT | GTTTCATGATC | CAAATGTGGC | ATTGCTTAAT |
| 72201 | TAAGTCTGTG | GATTTTGCTG | ATTCCAGAGT | TGGTGTGAA | TTGGATGGAA |
| 72251 | GATAGGGCAC | TTTTGACTTC | AGAGGTAAAT | GGATGATGCT | AGATGATCGA |
| 72301 | TGCTGTTGGG | TTTTTTCCCT | CCATGTGGTA | AAACATAAAG | GCACAATTTA |
| 72351 | TAAAAAATAA | CCCAGCTTCA | GAAAATCTGT | CCAAAACGAT | TACAATTTGA |
| 72401 | GGCCTTTCTC | CAAAGTTGTG | TTTTGATTAA | TCAATAACAT | CTTTCACCTA |

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72451 CTTTTTTATG TCCTTTGATA GTCAGCCTTC AATTTACTAA TTGCTTGTAC
72501 TGCCAAATTA GTCTTTAAGT CAATCATTTA GGAACCTAAA TTTGTTTTAA
72551 GTCAGTAATT TAAAACGTGG GACATATTTT GTTGTAGATA CTATCTACTA
72601 ACTACTCTGC TAACCCAAAA CATGGCTGAC TATCTTGCTA ACACAAATCA
72651 ATTTATTTCA TATTTCTCTT AAATATTTTC TTTGCTTGTG ATGAAATTGT
72701 TTAATTTCAA AAGCATCACA GGCAGATTAA AATGTTGTAG GATACTATTT
72751 GAGTTTTTCA ATTTACAGCA TAGGACTTTA TAAATAGCCT TGTGATTCAA
72801 CAATAACTTG AATGATGCTT TCTAACTGGG GCTAACCCTG GTAAAATTTG
72851 TTCATATTAA TTTAAAAATCC TGAATTAAAA ACTAAGACAT GGGTAATTGT
72901 CCTATTGGTT ATTTAAAGTG TTTTAATACT TTCATTAAAA AGACCATGAA
72951 GTATTCACCC ATGAATATAC AGGTCACTGG GATATGATAA AACTGAGAAA
73001 ACGGCCCCACT TATTTATGCA GTTATAGTAT ATAATAAAAA CAGCCTTCTG
73051 TATCTGTGGG GAAAAGTGTA GTTAATTATT AATGATGTGG GTACCATTTT
73101 AGCAGAATCT GGGGGAAAAA ACGGATGTAT ACTTTAAAAA TTACATCATA
73151 ATTAATTCCA AAGGGGGGAG TTAATATATA ACAATGAAAC TCCAATAGCA
73201 GTAAACTAT GGGAGAAAGA TGATGAGAGC ACTGAAAAAC CTCTTTCCAC
73251 CTCTCAAGTT CAGGAAAAAT ATGTGTGATT ATATTTGGTG TTGATAAGGA
73301 TGTGAGGACC AAGCTTTCAT TTATTGTTTG TGAAATGTA AATTGGTAAA
73351 ATTTCTATGA AGGGAAATTC CGATATAACT TTAAATTTT CAAATGTATA
73401 TACTGCTTAT TTTTATTATT TTTTAAATGT GCCATCTCT TTAAGTACTG
73451 AAATTCACCT CTAGAAAGGT GTCCTACATG TACAATTAAA CATACTAGGA
73501 ATGACAAGAG TATGTACATG GTTATTCATT GCAGCAAAAT ATTAGAAATA
73551 CCATTTATGC CCATGAATAT GATATGGGTT AAATAAATTA TTTTACATTC
73601 ATATTATGGG AAAATATGCT GCCATTATGA GTGAGAGATT GAGACAGAGA
73651 GAAAGGATGC TCTTCATAAA CTCTTTATAA ACTTATATGG AATAATCTCA
73701 AAGATAAATCT GTTAAATTTT TTTAAAGCCA GAAAAGAACA ATGTACAGAG
73751 CATTCTACTC TTTGTGTAGA AATAAAAAATG ATGTGTGTTT GTGTGTGTGT
73801 GTGTGTGTGT GTGTGTGTGT GTGTGTGTGT GTGTAATGTG CTTAGAACAT
73851 CTTTGGGAAG ACACACAGAG CACAGATTCA CTAGAGCAT CAAATCTTCT
73901 CTGGAGAAGT AGCTCAGTTT CTGCATTACA GCTGGGAAAG AGACTTCATT
73951 TTATAACTTT TGTGTATGTT GAATTTTTTAA GATATTGCCC ATATGAAAT
74001 CCTGGACGT AAAATGGTCT GAAAATGATT GCTTTCTAAT CTCTGCTGCT
74051 CAAATGTTTG GCAGAAAAC GGAAGACAAT AGCATAGATG TAAAGAAAAA
74101 CGACGACTAA AATAAATAGG AATCAAACAA ACAGTTCTCC ACTAATCAAG
74151 CTTTTTTTGT TTTGTTTGTG TGTGAGGAA CTCCTTGATC TTCTGATCAC
74201 TTCTGGAATT TAGACTTGTC AGAAATTATT GTGACAACAA AGGGGTGCTA
74251 GACAGACTTG AAATGTTAAC AAAAGGGACT CTATTGCCAT GTTTTAGACC
74301 TTCTTTTCAC TGATAACTAG GTCTTTCACA AATTCAACAG CCCTTCTTG
74351 TAGTTGGATT TTTGTTTGTG TTGCTTTTGC TTAACCTGTT GTTTCACGTC
74401 AAGGCGCATG TGCCAAATGT GAGCAACGCT GACTAGTGCT GAAATTGAAC
74451 TTTCTGTATC AATAAGGGGC ACGGGTAATT TCAAGCCTTC CTTCCTTTGA
74501 CACACACACA CACAAAACAC ACACACACAT TTA AAAAGAA AATGAAGTAT
74551 ACAGGAAAGC AAAACATTA AATGCTTTTT AGTAGTTTT AGTAGTTAAA
74601 ATGGAGGAAG GGAGAAAATA AGTATGAATA GCAGAGCATT TGTATATAAA
74651 GAAAAAAGAA AGTTCTGCAA TCCAGCTAC TGAGGAAGCT GAGGCAGGAG
74701 GATGGCTTTA GGCTAGGGGT TTGAGACCAG CCTGGGCAAC ATAGTGAGAC
74751 CCCATGTCTA AAAATAAATT ATGTAAAAAT TAACTGGCTT GGTGGGGCAT
74801 GGTCCCCGAC ACTTGGGAGG CTGAGGCCGG AGGATCATTT GAGCCCAAGA
74851 GCACAAGGCT GCTGTGAGCT ATGATTGTAC CACTGCACTG CAGCAGCCCG
74901 GGTAAAAGAG TGAGACCCTA TTCAAAAAG AAAAAAGAAA AGAAAAATAT
74951 TCAGAATTTT GTCATCAAGG TGAAGTAAAA TTCATTCAAT TATTGTATTT
75001 TGATCATATT CATTCTTCAC TATGTATTGA GCCAGCTCCA TGAAAGACAG
75051 TAATATGACC ACTTAAATTT GTCGTTATCA CCCCCTCTAT TAAATTCAAT
75101 AAACATTTTT TGTATCTTT TACAAACACT GCTTGTTAGG AGAACAGTGT
75151 GGTGTCAACA AAGTAAGACA TATGCACCTC TAGTCCCTAT GAAGAAAACC
75201 TCCAGCACA CAGCAAAGGA CCTACCTATA TTAGAAGCCC CACAGAATTG
75251 AAAGAATTGA AACCCATCGA GAAGAGTTGT TGCAGAGAGC GAGATTCAAA
75301 GTGTGAACAC TCATCCTTGT CAATCAGGGT TCTCATTCTT AAACACAATG
75351 TCAGAAGTAA GCTGATGGTT ATATTTAATA TTTAGGCAAG AAGATATATG
75401 TGTATGCATT TTTGGACTTG TACACATACC AGGATTCAAT AAAGTATCAT
75451 CTATTAGTGG AGTTTTGAAA TTAACATCTT CATTTCAATT TCCTTTTTCT
75501 GCACCTTGCA ATCAGGCTTT CTTTTCTTC CACCTTGTTT CCTGAAGAGT
75551 AGGTTTATGT TGAATGTTGG TGTTAGTAGC AGCTTGATCT TCTGTTTTGT

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75601 GCCTTCTTGT ATTCTTTTTC CTCCTTCCTT ACCCTTCTCC TGGTTATATC
75651 CAATACAATA AAGTCAGTGT AGATATTCAT GTCAGCATTG TGACATTTTA
75701 ATATTTTTTA AATTTGGTTT TATAGCTCTG ATGTTTATAT GGCTATATAT
75751 GTCTAACAAT TTAATAATAT AACAGCTTTA AAAAATTATG TTGGCTAACC
75801 AAAATATGTT GGCTGAGCTC TCTTTGCCTA TTTAAAGTAA ATTTATTTTG
75851 GCTAGAGTAA ATGTATGTAT GATGCTTCAT AACATACTAA AATATCATGA
75901 ATTTGGGAAA ATAAATTTAA AGTTGAAACT GCATCTGCTT AAAGATATTT
75951 ATGTTTACAT TGGACATTTT TACAAATGTC TTTAGCTTTT TAAAAATAAC
76001 TCATGAATTG ATTTTTTAAG GCATCTGTAT CTAAGCTTAC ATTGTTTATT
76051 CCCTGTCAGT TTCGATCTGG CTTTTGTACT TGCAGTAATC TGTAAGAGA
76101 GTGATTATTT ATGCTTGGAC ATAATTCTAC TGGAAAAATA AGTCTATTCT
76151 ATACATTTTA AAGAGGATTT ATGTATCATT TTGCATTTCT AGTAGTTTCT
76201 AATAATGACC TAGAACAAC TGTAGATTA CACTAGATTT GACCATCTTT
76251 AACAAATATT AGATAATTGG GAAATTATAC TGTCTATAAA ATATTATGAA
76301 GGAGGCTPAC TGGAGAGAAG GCATATCTCC TTGGAAATGA TTTCTTCTT
76351 AATACATATA TAAAATATGA CCACATTGTG CTTTGAATTT TTATGATCAT
76401 GCTAGCCATA AAATCAAAGC GTGATGGCTT CTTGTAGCTG CTGCTATTTT
76451 TCTTTTATAA AATGAAACTT TCAGAGACAT CATACTGACT GTTCATTTTC
76501 TACTTCCTGA TTTGCAGTAC TCTGACATGA GTTTTCCATG AAACCTTAAG
76551 GAATCGTACA GTTGCAGTAA TATACTATTG GGAAATATTT ACCTATTTT
76601 ACGTGAAATA GCAAGAGAAA AGCCAAATAT TTGGAAAGAA AGAAATACTA
76651 AAGAGGAACT TTATAAACAT TGCCTACTGA TGTAATAATCT TTCCTTAGGA
76701 CAGAGGAAAA AAAACCCTCA CAAACACACA TTTCACACAC ATAGACTCCT
76751 GTAGCATCTT TATTAAATTC CTCACATCAA TTTGTTATGG TATTTGTCAC
76801 ATGTTTACA CAAAGGCAAA ATAGCTAAAT TTTTAAATCT CCGGAGACTA
76851 CTATAGTAGT TGACACATAG TAGGCAGCAA ATGAAAGAAC CAATAAGCAT
76901 AAGTAGTAAA AAAAAACAAA AGCAAAACAC ACACACACAC ACACACACAC
76951 ACACACACAC ACACACACTG CAAATGCCTT CCTTCCAGAT TAATTTTCTA
77001 CTAGGTATTC CACCCAATA AGACAGCATT ACTAGCCCTC TAACTTCCCC
77051 TGGTCATPCA TTTCTCTTAA CACAATTCCT ATACCCCAT TCTCTCCCTG
77101 CAATTTGGTT GAATGTTTAC TCTCTATGGA TGCATCAAGC TCTGGCCATC
77151 GTATTTTCTA ACAATTTTGG AACTTTACGG ATCCTTTTAA GTATCAGCAT
77201 GGTGACAGAA ACTAGAAAGA AGCACACTGT GTAACCTTGA GTGAGTAATT
77251 GGCAGTTTCA GATAGTGAAA GTCAACTGTG TGTGGGTGCT ATTTGCAATT
77301 AACAACTAT ATCTACTTGG TATATCGTTA AGTGAAAGC AAATGGCATA
77351 GTAATACTG ATAAAAATGG ATATAGATAC AGGGCTTTTG GGTTCAAAAC
77401 TCATCAATTG AATGATTTTA AAAATGTTTC AATAATATTT GTAGTGTTTA
77451 CTGAGTACTC AGAATGCTGC TTAATGAATC ATGGCTCCTG TCTTAAAGGA
77501 GCATACATTC ATTTATGAAA CTAAATTTGT ACAGTTGAGA CAAAGTTATA
77551 GAAATTTCAA GAAATTAGTC AGTTGGATGG AATCTTAGGG CATGATTCCT
77601 GAAATTCCTA TAGAAAAGTG GACAAAAATT AGAAGAGAGA ATCATAGTAG
77651 CAGTGATGGA TCTCATTATC TCTGTTCTAT CCATTGTATT ATAAAATACT
77701 TTCAAGATGA CATGATGAAT GTGTTATTTT ACTGGCTGAA GGTTCCTCCT
77751 CTTCATTTT AAAGAACTGC TTAATAAATT GTTCCTTAAT TTCATAGAAT
77801 ATATTGATTG CTTATTCTAG ATAAAACACA GATTAAAGACT CATACTCCC
77851 ATGTTTACCT ATACCTTTAC AGTTTCCTAA GCATATTTAC ATTATTTATA
77901 TAACTTTATG TCTCATGACA ATTTTATAAG GTGGGCAGAC AGGAGTTATT
77951 ATAACATPCA TATAAAAATG AATATGAGGC ATATACTGAC AGTATGACTA
78001 AAATCCAATT TTTATGGCTC TTCCAAACAT TCTTCAGATT CTCCCATTAA
78051 GGAGCTCAGA CTTTCAAAAC ACAAACACCT GAGACATATA GACTGAGTTC
78101 TAAATGAGTG AAGTGACAAA TGCTGCTAGT GTTGAGAGGA ACACCCCCAG
78151 TCACCAGCTA AAGTTTGTGC CATAGGGTGG TCTTTATCAA TTTCACATCT
78201 GGTAAATTGTA TCAGAAATGGA TCTAAAATCC ATAGTCTTTC TTCCCACTGC
78251 TCCCAAAAGC ATAATTCTTC TCTCCACATC TCCTTCATTC ACCCTCCCTG
78301 TCCCAAGTGT AGTCTCTCTT TCCTTCCAAC AAGATCTTTC ATTAGCTCAA
78351 GTTATTTGCT GACAAGATGT TATAACAAAA GCCTATATGT ATATATATAT
78401 ACACACACAC ACATATGTAT ATATACATAT ATATGTTATT TCTTGATCCC
78451 TTTGAAATAA ATTGTACATT GTGTAGAAAA AAAACAAACA AACAAAAAAG
78501 CCATGAAAAA GGAAAGGAGA TCTCTAGTCA GGGAAATAA AATGAGTAGT
78551 TGGAGAAAAA CAGTGGAGAG AAAGATAAGA TCTAAAGAAA AGAGAGGGAA
78601 GCAGAAAGAA AGGGAGCCTT TGTATTCTTG AGAGGCAAAG AGAGCAACGC
78651 TGAATGTTGG CTTCTCAATT CCTCTGCCA TTCTTGAGGG ACTCACCTTT
78701 ACTATCTTTC CCTTCTTTGG AGATTGAGCA ACTCAACTCA AATTACATTA

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78751 AGGGAGAAAA AAGTTGAGAC TTATTAGGAG AATAGGAAAT ATCAGAATTA
78801 AAGGAATGTT TAACAGTCAC ACTCTAGGAA GGGGAGAGGT TCTGGCACAG
78851 CTGAGAAGCA GCTGGATCTG TAGACTCAAA TACCACCATC CACTCTTATC
78901 GAATCCCTCA TCTGTGCTTC TCTTTGTATG ATGCACCTCA CACTCAGGCA
78951 GATTTCTTTC CACTGTTAGA AAGTGATAGG TAAACATTGC CAGATTAAAA
79001 TTAGACTGCC TGACTTAGAT AAGAGCACTA TGACTTAGTT GCACTAAGAC
79051 TTGGACATCG ACTCTAACCT ACAGTTTCCT TACCTGTAAT ATGTGGTGTA
79101 TAATGATAGA GTTGCTGTTA AATGTTCAAA GTGCTTAGTA GAATGTCTGA
79151 ACTTAATAAAA TGTGAATGTT GTTGCTGTAA TCGAATCAGA TATTTTGACT
79201 TTGGGGAACA TTTTTTCTTA GTGCTGTCAC CAGACAGAAA CCCTCTTTCT
79251 TTAGTTACAG TTTGAAAACA ACTTGAACAA CTTGAGAAAG CCTCTGATAA
79301 TCTCATCATA TGTTCCGGTT GTAAGGACAC AGGGACGTTG AAACCTCAAG
79351 CTTGAAGTCA GAAGAAGAAA GATATTTCCA GAGGAAAAGG TGGAAATGTT
79401 GCTAAGCCAA CCAAGCAATA GATACTCACC ATAGATATCA GAAAAATCTA
79451 TTCAATGCCT ACAGTAGAAC TCCCTCACTT AAGCTTGCTT GAGTAGCTTT
79501 CTAATCAATT CCTTGATATA GACAGGGATA TAAATGTAGG GGGAAATGTA
79551 GATGAAGCAA AAGTGTTAAA ATTCAATATG TGTATATGA CCAGAAGAGA
79601 ATTGTGTAC TAGTTTTTAC AGAATTATAA AAACAAGCTT ATTTTTGCTG
79651 TAATGTATCC ACCTGACTCT TAGGTAGAAC ATTTTAAAAA GGCATTCTA
79701 AACTTAGAAA TCACAGCCAA GCAACTAGAA TGATAGAGCA ATTGTAATTA
79751 GTTGCTATTC TACACGTAAA TAATGTATTG TTCATAAGTG AAAGAATAAT
79801 ACCTTGTCG GATCTTTCTA AGGAAGTTTT GTTAGAATGC ATTATCTAGA
79851 GAAATCTTAC GTGTGCTGTT CAAAAGACCA TATTTAAGTA TTCATAAAG
79901 CATATATTTT AGAGGGAAAA TCCTTTTAGA GCAGATGCTG CAATGAAATA
79951 AAATATTGAA GCCAAGCTTA TTTGTATGCA TACCAACACT AAACATTCTT
80001 GGTGTAATTA GGTAAAGAC AAGTGATTCA CTACTTTTGA TCGCATTAAG
80051 AATACTAGTA TATGCTCAG AAGATATTAT TTAGAGGAGT AATGAGAAGG
80101 GGACCATTAA TGTTACTTCA CTCAAAATAA AAATTTATAG TATTTTGGAC
80151 TTTTAATGGT AACTAAGTGA TTATTCTCTT AAAACCTACA AGGCATAGAC
80201 ATTAAGGGGA CGCAGAATTA TTGCATGGGT CCCCTAAATT TACAGGAGAA
80251 ATAAGCATGT CTGAAGATTG AATAAATAAC ATGCTTGCA CACATGGTGA
80301 TTTTTTTCAA ATGCAAGGAG GAGTTTATG AGATTATATA AAATGTAAAT
80351 TAATTTAAAA TATTTTCTGA ATGATGGTTT GTGACAACTA ATTTCTGTT
80401 TAACCAATGT ATGTCAGAGC AAAGTATTGT TTTTGTGTTT TCTACTTGAG
80451 ACTTTTTTTA GAAAATTATG CAAGGTGGTT ACTAACTAG AAAATGTTTG
80501 AATCCCCTGC GTTAGATTTT CACTGAACAT GTCACGTTTC AAACATATGC
80551 AAAGTGTGTT TGAAGATAAA TAAGTATTCT AGCTAGCTAT CATAAGCTAC
80601 ACAAAATCAT AGCATTAAGA AATTATGTGC CACATGACCG TACACTGGT
80651 TAACATAGTG AAAATACTAA AGCTTTTCCA CTTAAGTGAC GTTATTATCT
80701 TTCATTTTCA GTACACACTC TATGCAAAGT TATTACATAT TCTTCAGGAC
80751 TTTGTATCTT TTGAATGTTT TAATAAGTGG GACTCTGAAG GCAATTTTGT
80801 GCAATTTTGT TGAAGTTGAG AACAATTAGT GGAAGCAAAT ACACATTCTC
80851 ATCTAGAAAAG TAATTATTTA TCAATTTTGT ACATTTACAT TGTTTCAAAA
80901 TTCTCTCAT TTAATAATTC CAAAAGCTTT TGTCTCTGG ATATTTTTC
80951 TTTTCTACT TTTTCTCTC TTCTCTGTT CTTTCTTTT TCCTTCTTC
81001 CTCTCTGCCT GCCTGTTGTC ATGTTCTTCC TTCTTTCCCT CCCTCCCTTT
81051 CTCCTTCATT TGGTCTCAA TCTAATCACA CCTAGCTTGC AACTTATTTT
81101 CAATCAACAT CAGTGATAGA TCTAAGAGCA ATTATTGTGA CATGCCCTTA
81151 CTATTCTTGA GTTGATAGAG CCCCAGGACT TACATTGTTT AAGAAATTGG
81201 GCTGAGAAAC GTTGACAGGG TTAATCCATT GTGATCACC CTGAAATGT
81251 ACCGTGATTT GTCTAGGGA TCTACTTGAA AGATGACCTT TCTGCTGACA
81301 AGTTTACTCC CTCAGTGCTG GGCTGAGCTA TTCTCCCAG ACTCCAATGA
81351 TACCATGCAG CTATTAGTCC CTAGGCTAGG TACAACTTCC CAGGACCTGT
81401 GTGAGGCAAG GTTGACAGGC TCTACCATTA ACAGAGGACA ATCCAATTTA
81451 CTCCTCTGAC TTGGGCCTCT TACCTTTCAA TCCAGAAGTC CCAAGGTCTC
81501 TAGTCTATTC TTTACGTAGA GTACAGTTAA ATATTCCCTT CACAGATCTA
81551 CATTTTTATA AACAAAAAAT TGTTACTCCT GGAGGTAAAA GAAACCCAGG
81601 CCAATCTTT AGCTACCCAT CTGGGAAAGA GTGGCAAGTA CCTCTCCTTC
81651 TTTCATGAGG AGTCAAAAAT TTCTCAGGTC ATTCTTTAAC AAGGAATTTT
81701 CATTAGATCA ACCAATTACA CTACATTTGA ATATTATTTA TGTATCTCTT
81751 TGTTTCTCTA AATAATAACT GATTTTTCCT TCATATTTCC TTGGCCTCAA
81801 AATGTGAACC CTTAAATGTT CTCCTGTGCA TAGCAAATCA TGAGACTTCA
81851 AACCTTAGCT AAAAGGCAGT AAAGTTGTTA TTGCTTATTT GCTTTTAATT

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81901 TTTATTGAAA CTTGTGTAAA TTGACTCACA CTTTAAGTAG ACAATGCAAA
81951 CCTATAAGAG AATTCAATTA TAAAGCCTTT GGTATAGGAA ATAATTTATA
82001 CAGAATGTAA TGCTTTTATCA GATTTGCTCG ATTATATGCT GGTTCCTAAA
82051 AACAAATACAA CTATGGGTAT ATACAAATAT GTGTATATAT ACATGTATAT
82101 GTAGATACGT AAATGTAGAT ACTTATACAC ATATATATGT ATATGTAGCC
82151 ACATATATATC ATATATATAC GTTTATATAT ACCCATAGTT ATTTATATAC
82201 ATATAAACAA TATGTGTGTG TATATATATG TGTGTGTACA TATAAACAA
82251 ATATGTGTGT ATGTATACAT ACAAACCTTA AGTTACTTTT TAAAGCGAGA
82301 ATTTCTTCAA CATTTTTTGA TTGCTGTTTA TACAAAAAAT AAATGGTGTG
82351 TCAGTTTGAC TAAAGAATAT AACCTCCAAT AACGATATAG CCTGGCTGCT
82401 TATACTGGGT CCTGCCCAAT GTTTATATCT GCCCAGGATC TCAGGGAAC
82451 CTCATCCCCC CCAGAGAACC TTCCCTGACT TTCCTCTCAG TTCAAGGTCT
82501 AGGTCTCATC TTTTTCCTAG AACACACTAA TTAAACACAT CCACTTTTTT
82551 TTCAACATAT ATTTACTCAG CTCTTGCTAT GTTTTAGCGA CAACAGATCC
82601 CATGGAAACA ACAGAGAAGA AATAAGTTGT TTTTACTTTT CTCCCGGTAA
82651 CCAGTGTTAG ACCATATCTG CATATAAAT CTCCTTTAAG AGTTGATATA
82701 AACCTACTAT TACTCATAGT ACTCACTCCA GCTTTGGTTC TGCCCAAGTA
82751 CAGTGAGCTT ATTGAGAATA AGGAATATAT CTCAGTTGTG CATGGTAGTG
82801 ACTCATATGA ATTGGATGGC TGTGCATATG AAAATATGGC ACTCAATGGC
82851 AGTTTTTATT GAAAAAACA GATAACTTGA CCATAATTGT CCTAAGAAAC
82901 AAGACATTCA TCTGCAATTT ACTTGCACTC AATAAGCATG CCCTAGTTAT
82951 TGTCTGTGA GAAATCCAAG GTCTGATATG ATGTACTCCC AGGATAGAGG
83001 GGTAATTTT TTTTTCATGT CATTCTCTAT AGCATGATTA TGAACCTGAA
83051 GAAATAAGTA TCTGTGCATG GCAGTTCCTT TACCTAGAAA TCTTGGTAAC
83101 TGAGATATCT TTGTGGTCAA ACGTTTCTAA AGATATATAC ATTTTTTTGT
83151 GGGGATTACA GGGAGAAATG GCTAACCTTA CAAACATTCT TGGGAGATTT
83201 TGTTTTGTTT TGTATTTCTC ACCAGATTTG AATTTTAGCA AAAAAAGCTA
83251 TATTATTTCA TCAGGAATCT GATTAAGACT GCAATTTTGA AAAGGGAAAA
83301 ATTCATTAAA TAGACTAATG GAGGAATCTG AAGGGTAGTC AGTAAAAGCA
83351 GCTGCTTTTT CAATACATGT TGGGAGATTT GTCTGGGAGC CTTTCTTCCA
83401 AATGATACTA TTTCAATCAT GCCTAACATT TAAATCTCTA AACACTGATA
83451 TTCCCATTTT AATTTTAGCT GGCACCAGAA GGAAATGGTA AAACAGCAGA
83501 TGATTACCTC AGTACTTTAT TCCACATTTT TTAACAGCTT TACAGATTCA
83551 AATAAAAAAT AATAATCTAA AAATGAAAAA TGCACAACCTA AAATTAAACA
83601 TAGAAAAAAT ATTTTTAAAC CAAGAGATTC TTTTTCCTTG TAACCTCCCA
83651 AATGGTGGAA AGTAAATTTT ACAGTGGAAT GTACACAGGA CTTAATTTTA
83701 CCACGGTTAT ATTATATTTT GATGACTAAC TTAGGCTTTA AAAAATTGAT
83751 ATTGATTCAG GCCCTATTAA CTTAAATTTT GTGATTATTT AGCTAAAGGA
83801 TTCATTGATG TTTGTTTTTG AATTTGTGTC ATCTAAAAGC GAATCTCACT
83851 TTAGAAACAC CCTGTGTATA AGCTAAATG TCCTTTAAAG CGAATCTTCT
83901 AAATCTTTTA ATTTAGTTTA ATTAGCAATT TCAGGGCCAG GCACAGTGGC
83951 TCACACCTAT AATCCTAGCA CTTTGGGAGG CCAACGCAAG AGGACGACTT
84001 GAGCCAGGA GCTTTAGACT AGCTTGGGCA ACATAGACCT CATCTTTCTA
84051 AAAAATAAAC AAAAATTAAC CAGGCATGGT GGCAGGTCCC TGTAGTCCCA
84101 GCTATTCAGG AAGCTGAGGT GGAAGGATCC CCTGAGCCTG AGAGTTCAAG
84151 GCTGCAGTGA GCTGAATGTG CCACTGCACT GCAACCTGGG TGACAGAATG
84201 AGATTCTGTC TCAAAAGTAG AAATAAAAAA AAGTTTAAAT GGAAGCAAAA
84251 GAGTTGAAAT TTTCTCAGA TGTAATATAA AATAATTGGG AGAAGTGTC
84301 CATCAACAGC ATTAATGAAG AGTCTAATAT ATGGCAGAAAT TTGTCCTAGG
84351 TCCTGGGTAT AGCAGCCATT CCATTAGTAG AGTTTACATT CAAACCTATG
84401 ACCTTAACTA GAATTGGAAC ATTGGTACAT CATTCAACCT CTTTGGTTG
84451 TTTCTATAAG TAAAATTGAC CTCTGGTTTA GCTCATACTA TTAAAATATT
84501 GATTTACTTC GAATGAAAGA TTTATACAAT TATATCAGTC TCTTGATGTT
84551 TACTGAATAA TAAACTAGT ATGTCTTTTT ATGTTTATTT TATAACTCAC
84601 TTATGATGAT TAAGTTATGA AAACCTAAAA ACAGAATTTT AGTCAACATA
84651 ATTAGAGTAG AACCTTGAA ATGTGAAGCA TAAATTTAA AATATCACTT
84701 GTTCTCTCTT ATTTCTCTTA ACTTAGTGTT TTGATAATAC TAAGATCTTA
84751 ATATACCTAA TTCAACCACA ATAAAGCAGA TATAAATAAG ACTATCACTC
84801 TGGTTGAGTA TACACCACTT CTAGATTTCT TCCTCATTTT AATTTAGATG
84851 TACCAAGTAT ATGCCAATGA TTTTTTTTCC AAAATATATG TTGACTACAG
84901 CTCATAGTTA GTATTTCTATG TCATAACATA CATAATATGG TAAATGTTTT
84951 CATAATTCAA TAATTAAATA ATAGTATCTG TCTAAATATG TCTGTATTGG
85001 ATTGAAATTG TTATCACTACT TTAAAGTAGG TATACTGTAC TTCCTTCAAC

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85051 TTGTTTTGCT AAGAGCTATT CAATGTGAAC ATCTTTAAAA TAAAGCCCAC
85101 GATCACACAG TGTCACACAA GGATTCTAAC TAAACACTCC TGAGTGAAC
85151 ATGTGGGTAA ACAAACCTACA TTAAATAAAG AAAATTGGTA AACTTTTAGA
85201 TTTTGTGTTG TTTTGTGTTG TTTTGTGAGT GGAGTCTTGC TCTGTTGCC
85251 AGTCTGGAGT GCAATGACAT GATCTCAGCT CACCACAACC TCTGCCACCT
85301 GGGTTCAGT GATTTTCCTG CCTCAGCCTC CCAAGTAGCT AGGATTACAG
85351 GTGCCCACCA CCAACCTGG CTAATTTTTT TGATTTTTT AGTAGAGATG
85401 GAGTTTCTCC ATATTGGTCA GGCTGGTCTA GATCTCCTTG ACCTCAGGTA
85451 ATCCACCTGC CTTGGCCTCC CAAAGTGCTA GGATTATAGG CATGAGCCAC
85501 TGTGCCTGGC CTTTTTTTTT TATGTAATAA GTACATGTTT TAACATCAAC
85551 CATATAGAAA AGATCCTCTG TTCTAAAGAA ATAAAATAAA TTCTTTTGGG
85601 AAAAGTGTTA ATTTTTGTTG CTGTTGTTCT AGAGAAAAAA CTGTCAGAGA
85651 ATCTTAAATA GGAAAAATGC TATAAAGTAG GAAGCTTTGT ATTTCTGGGA
85701 AGAGTGTTAT TGTGGCACTT ATTAGATTCA CGACAGAATA GTTGATTCCA
85751 GCCCAATGTA GACTTAGTGA CAGTAAATTC GTATATTTAT TTTAGACCAA
85801 AATTAATTCC TTGCAAAGTG ACTCTTGTTT TAAGCACTCC ACAAGAGCTG
85851 CTTTCTCAAC AGTCTCCAAA AGTTTGCTAA GTCCTAAATA CAGTGGCTTC
85901 TTCATAATTC ATTTTTTCTT TGCATTTTAT TGCTTTGGAT TTAAGGACAT
85951 TACTTCCTGC TGGTTTTACT TTTCTCCATC TCCTTTTCTA GCTGATTTT
86001 AAAACCCATC TCTTAAATCT CGTACTCTCT TAAAAGTCAA TGTAAAGTTC
86051 CCAAGTTTCT TTTCTGGAC TTGCTCCTAT GGTCTGTTT CAACAATTGC
86101 ATTTTTTTCC TGTAATTTAT AAATGTACAG ATCCAACCCT GGTTTTTTAC
86151 CTGCTACCTG GATGTCTCCA CATTGAAATC CTACTAATAC CTCAGTCTCT
86201 CTTCTGTTG AAAACTGCAC TAATTATTTT AACTATTTTC TTTCAAATCT
86251 TTTGCTGGCT CATTCATTAA TTTAATTTT GCTAGAAATC TTAATTTTCT
86301 TTTTACAATT TTTATACCCT CCCTATCCCT TGTATAAAA GTAATTGCCA
86351 AAGTTGTCGA TTTACTCTCT GTGATGTCTT TCTTTTTCGT TCTCTTTCCA
86401 TTTTTCCTTT TCTCATTCTT ACTACTCTTG TACAGTTTCA GACTGCTGCC
86451 TCTTGATCTA TTGTAGTAAT CTCCTTTCTC CCCTCTCTGT TTTCACTTTC
86501 TTCCTTCTCA AATTCACCCT TTGTTATTAT GAAAGTCATT GTGTTAGTTT
86551 GGCATTATGC ACTCTGGGAA ATAAAAGGCG TATTTCTAAG GATATTATAG
86601 TGGAAGTAAC AAATATCATC ATCATTGAT AAATAAACTA TATTATTCTC
86651 TTGTATTTGG ATAGTGTTTT ATCTTGTTCA AAATGCTTTT ATATTATAA
86701 TTTATATACA TTATTGTAAA TATTAATAA TTGTTATTTA TTATAATATT
86751 TAATCAAGCT TAAATGGGA AAATATAAAT GATCCACTTA TAAACCATGT
86801 GGGCTACTAA TCTGCAAATA GGTCTTTTAC AACTTGACTA CATATCAATT
86851 ATGAGTTTTT AAGAGAAAGA GAAAGCAAAA AGAGAAATTA AACAGGAAAG
86901 GGAAATGATT CTTGAACCCA AGTCATTCAT CTAGGAAATC TTACAGCAAA
86951 GAAGGGTGAG CAGCTTGTTT CAACCTAATC TAAAACTAT AAAATGAAAT
87001 AATCCCATCT GTGGCAATC CTCTAGGATC CCAACCGAGA GATTACAGAA
87051 TTAAAGTTTT TAGTTCCAAC AGAACTGACT CCAACTAACA TAAACAACAA
87101 ATTATTGAAA AAAAATATAA GGCATTCTCC AACCTGAGTT GTTGGATTCA
87151 CTTTAGCACC ACCATTAGGA TAGAATAGAA CACCCAGAGT TTTTCACTC
87201 TTTGCCATCT GCTCAGAATT TTTTCTCATG ATTCAGATTC CAGGGAGCAG
87251 GCATCTGAAT GGCCTGGTTT AAGTCCTAAT TCGTAATCTA TCTCATAAGC
87301 TTCTGTGAAA TTATAAGGTA TATTTTAAAT ATATAAAATA ATTATGACAA
87351 AATTGTGTAT GTGTCCATTT CTGTAGGAGA TTGAAATTTAT ATGTGAGTAT
87401 CTTCCACATC AAAGTAGGCC AAATTAACA AGCAAAAAAA TAGTGTGAGG
87451 AATATTTGGG ATGACACAAG ATAATAAATA TCAAACTAC CCCAGCAAAT
87501 GTTATCCATT CTCACGATGA GCAAACAAGT AAGAAAGAAA CAAAGACAGG
87551 GCCAAATTAT AAGCAATTTT AAAATTTAGG GTTTCCTCTT GATTTTTAAA
87601 TTATTTTGA TGAAGTTCAA ATATTTTCTT TAGGAATCAA ACTAGGATTG
87651 ATTATTATTA GTCAGGGGTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT
87701 TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT
87751 TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT
87801 TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT
87851 TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT TCTTTTCTTT
87901 TCTTTTCTTT TCTTTTCTTT GAGATGTAGT CTTGCTCTTT TGCCCAGGCT
87951 GGAGTGCAAT GCGCAATCT CGGCTCACTG CAACCTCTGC CTCCTGGGTT
88001 CAAGTGATTC TCCTTGCTC AGCCTCCTGA ATAGCTGGGA TTACAAGGCA
88051 CACACCATCA CACCCGGCTA ATTTTGTGCA TTTTAGTAGA GATGGGGTTT
88101 CACCATGTTG TCCAGGCTGG TCTTGAATC CTGACCTCAA GTGATCTGCC
88151 TGCCTTGGCC TCCCAAAGTG CTGGGATTAC AGACGTGAGC CACTGCACCT

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| | | | | | |
|-------|-------------|-------------|-------------|------------|-------------|
| 88201 | GGCAGGGGTT | CTTAATCTTC | TGTTGTGCCG | TGTGTGTGCC | TCTTTGACCA |
| 88251 | TTCTGGTGAA | GGCTTCAAG | CCAACTGAG | AGTAAATTTT | TAAATCCGAA |
| 88301 | AAATATAATT | CATAGGAAAT | GAATTGACTT | AATTAAATAA | TTAGTTAAAT |
| 88351 | GATTTTCAAA | ATATGATATG | AAGTTTATGA | CACATAAATA | AGTTTGCTTC |
| 88401 | TTCAATAACA | CATTAATAAA | GAAAATGTAA | GGTAATGATT | TCAAAGAAAT |
| 88451 | GACATGTATC | AATAACAGTT | TGGGATATCT | ACAACATTGT | AGTTGATATA |
| 88501 | AAGCTATGTT | TATTTTCTAT | TGGCAACAAA | GTGGTAGAAA | TTTTTAATGT |
| 88551 | CCTTGAGCTA | AAAATTTTTT | CCTTCCAAAT | TAATGGACCC | ACTGAACCAC |
| 88601 | AGTTAAGTCT | CTGACCTAGG | CTAATTTCAA | AGTATGACCC | TGTCTGAACA |
| 88651 | TAGAAAAAGT | ATTTAGATGA | CTTCTGCTTA | TTTTATCCTT | ATGTTTTTAC |
| 88701 | CTGAAAAATT | ACTTTTATTT | AAACATTGAT | GAGAAAATCA | TAGACAAAAA |
| 88751 | TAAGGAAGTC | ATTAAGTACC | TTGTATTTTT | AAAAATGCA | AGCTACATAG |
| 88801 | TGGAAAACAA | GCAAATACTT | AAGAAAACAA | ACAAATTATT | TTTTCTTGAA |
| 88851 | AATCACTAGA | AATTTTATTC | TAGTGTTAAA | AATATTATTT | TTTTCTTTCT |
| 88901 | GCTGGAAAAT | TCAGTGAGTT | ATAGGGGTAT | ATTCTTTTTA | ACATTTTTGA |
| 88951 | GATAATATTT | TATATCATGA | ATTATTTGTA | CAATCAACCT | TCATCTTAGG |
| 89001 | CAAATATAAC | ATCAGTTATA | TTTAGAATAA | TGTTTAGTTA | GAATATAAAA |
| 89051 | TGCTTTTGTA | TTCATAATTC | ATATACATGA | TTGTAAATAT | TAAAATATATG |
| 89101 | TTATTTATTA | TAATATTTAA | TCAAGCTTAA | AATGGGAAAA | TATAAATGAT |
| 89151 | CAACTTATAA | ACCATGTGGG | CTACAAATCT | GCAAATAGGT | CCTTTACAAC |
| 89201 | TTGCCTACAT | ATCAATTATG | AGTTTTTAAG | AGGTAGAGAA | AGCAATTTGT |
| 89251 | AAAAAATTCT | TTTTAACATT | TTTGAGATAA | TATTTTATAT | CATGAATTAT |
| 89301 | TTGTACAATC | AACCTTCATC | TTAGGCAAAT | ATAACATCAG | TTATATTTAG |
| 89351 | AATAATGGTT | CAGTTAGAAT | AATGTTTACT | GTGATGTACA | AAATACAAAT |
| 89401 | TATGGCAAAA | AGGTGACAGC | AGGAGAAAAG | CTAGTGTGGA | ATTTAATATA |
| 89451 | AGCAGAAAAA | GGTAAATTAG | TAAATTACTT | CTCTAATTTA | TTGTATTTAC |
| 89501 | CCTTTTTTATA | CAACATTTCTC | CTAGTAGAAC | AATATATAAT | AATATAGTAC |
| 89551 | TTTGGTGAAA | AATAACTTTG | CTTTATAAAG | CACAACCTGA | ATTTCTACTT |
| 89601 | TTATTTTAAAT | CCATTCTTGG | AAAAACATGA | ATAACTTCCT | CTTAAGGGAA |
| 89651 | AGGTTAAATA | TAATGTTATA | TGAGATAAGA | AACCAAGAC | ATCCAGAAAT |
| 89701 | CTGATGAGCC | TAAGTATCAC | ACCAATGGAC | TCCTATGCTG | TGACCATGCT |
| 89751 | ATGCTTGTA | GAGTGCTCAG | GAAATAGTCG | GTTGTTGTTG | TCTTGGTTTT |
| 89801 | TTTAAGTTGG | CCTAGAAGTT | GAATATAAGG | GAAGTAGTCT | TGGCAAAATC |
| 89851 | AGAGGGGGAA | GAAAAAGGCC | AGTTAAATTT | TAAAAGTGA | GAATTGAAAA |
| 89901 | TATGTATTTA | TTATAATATG | AAAAATGAAG | AACAGATATT | CAATGAGGTT |
| 89951 | TCTTCAGATT | TACTGTATTT | TCCATATAAA | TATTGAGAGG | CATAACTTTC |
| 90001 | TTCCCTCTTT | GTTCCACGTT | GTGAGAATTT | GAACAAAAAT | AATTCGAAGG |
| 90051 | TGAGACATTC | TTCCATGCAC | CAAAAAAACC | TGTCAAACAC | AATTTAAATA |
| 90101 | CTTTTGAAAA | TTAAATAAAT | CAAACTGTCT | TACAATGTTA | AACATATCTA |
| 90151 | TTAACTTACC | CTTTAACTTT | TATAAATGGC | TTAATGTAAT | TCTTATACCT |
| 90201 | CTGTAAATTA | TCTCTATAAT | AGGTGTATCA | TGTAAGTTCA | TTAATTAAAT |
| 90251 | ATAACCTTAA | CTTGGAATAA | GTTTTATTAAT | TTATATTAAT | TCTTTTGCAC |
| 90301 | ACACTTTATG | GGTTATGTTA | ATTATCTGAC | TCCTAAAATC | ATTTTATPCA |
| 90351 | TTTTAACATG | AAGCTGATGC | AGTTCTAAAA | TCATGTTATT | CTTTAAGTCT |
| 90401 | ATCCAGAATT | GCTAAGTCTT | TTATTTCTTT | TACTATACAG | TATATGCTAA |
| 90451 | AATTTATCCA | GTTTTTTTTA | TTTTTTAAAT | TTTTGCTCCC | ATGATTTTTT |
| 90501 | TCTTCTCTGT | GAGATTAAAA | GTTAAGTTCT | AGGGCCTTCT | CTGTGCTTTC |
| 90551 | TGTCTCCCTT | CAGGGCACAG | CAAAGCTGTT | GTTGACTTTC | TCTGTAACCTC |
| 90601 | ATTAATCCAT | TGCTACCTTC | TTGATAGGCA | CCACTGAAG | CTAATGCCGA |
| 90651 | TGTGTGTTCT | GTGGACTCCT | TGGCTTTGCA | AAGGCTGATT | TTCTGTCACT |
| 90701 | AATGATTTTA | AAGTTTTTCAT | CCTTATCTCC | TCCATGTTAA | TGTGTTGAAT |
| 90751 | CCAGAGTTGT | CATTCCTTTT | AATTAATCTG | ATTAACCTTC | CTAGGCTATC |
| 90801 | TAAGTCCCA | GTGTAAGTTT | TATGTTTGAA | ATCAGAGAAG | CCCCACTTTC |
| 90851 | CAGGTTGTTA | GTAAGAATAA | ATTGTTTAGT | TATTAAAAAG | ATTTACCTAT |
| 90901 | TTCTATTATA | GAATTTATTT | CATTTTACCT | TCATGCTTTA | CCCAACTCTC |
| 90951 | AGCAGGAATG | TTCTTTTCTT | TTCATTCAAT | TCTTATTATC | ATCTTTAAAT |
| 91001 | TTTAATCATT | TCTATGCTAT | GCATTCTTTT | AAAACCCATA | GAGACGTGCT |
| 91051 | ATACTCTATG | AATTTGCCCT | TGAGATGTAT | TGCTTTTGGT | ATTATCTGTC |
| 91101 | ATGTACTTCC | TGCCCAACTA | TAATTCAGT | GTCTTGGAGA | TTGACTAACT |
| 91151 | TGAGGATTGG | CTGACTCCTT | CAATCTTTGG | TCAAACGTCA | GCTACTTAAC |
| 91201 | ATAATTTACA | ATTTAAAAAT | ATTTGTTAAC | CCCTCCCCCA | GCACTTGTC |
| 91251 | TTGCTACATT | CCTGAACCCC | TTAGTCTGCT | GAATGTTTTA | CACATTACTT |
| 91301 | CCATAACATG | TTATATAATT | TACTTATGTA | TTATTTTTAT | TATGTTGTTG |

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91351 TTTCAGCCTA AATTAGGACA TAAGCCCCAC AAGAGCAGAG ATTTTTGTTT
 91401 ATTTTGATCA CTAATGTATT CTGTGAATCT AGAGGAGTAT CTAATATTTA
 91451 ATTTGCGCTC CAGAAATGGT TACTGAATGA ATGAATAGTA TCTATTTTCT
 91501 GCTTTGTATC CCATTTCCAT ATTCCTTAAC ATTTAGTGCA GTGTGTTTAA
 91551 AAAAAAGGTG ATCGAAAGTC TTAAGTGGT AGATCTCCAG TCAAAAGAAA
 91601 GAGCAAAAGA GAGAGAAAGA AAGAAAGGAA AGCAGAGGAA AAGAGAAGAA
 91651 AGGGGTGGAA AATGGAGGGG AGGGGAGGGG AGGCAAAGGA AGGGAAAAAG
 91701 GAAAGAAATA TAACCACTTT GTTCTCAGTC CTAAAAGTTT AGAATAAGTA
 91751 CTTGCTTCTG AAAACTCTTC AGAAAAATTC TCAGGAAGT AGATATTGTC
 91801 TTCTGTGCTT TTCAGTGCAA AAGAGAGGAA GGAAGGAAGG AAGGAAGGAA
 91851 GGAAGGAAGG AAGGAAGGAA GGAAGGAAGG AAAGGAAGG GAAGGAAGG
 91901 AAGGAAGGAA AGGGAAGGAA GGAAGGAAGG AAAGAAGGGA GGGAGGGAGG
 91951 GGAAGGGGGA GGGGAGGGGA GGGGAGGGGA GGGAGGGGAG AGGAGGGGAG
 92001 GGGAGGGAGA AGGATTAAAG ATATGTCTGT TAGGTTTGGC TCTGTGGAAT
 92051 ATTGCTTTGT TAGTTTCATA TCTCCTTTGT TCGTGTTTCA TCATCTCCAT
 92101 AATCTTTAGA GTCATTGGAA AGTTATCACA GAAGAGAACA GCAACTTGTA
 92151 AACTAATATC AGAAGATTCA TTCCATTCTG TCTGGCAAAC TTAAATTTTG
 92201 GAAGAAAAAC ACTTATAAGG AAGGAAAAAG ATGTCTGTTT AGCCAGTTGA
 92251 ATCAATAAGA CTACTACATT TAGATAATGG TAATGCATGA GGAGTCTTCT
 92301 ATTTTCATTT CATCTTTAGT GCCTTGGCAT AGGTATTTTA TATTCCACAT
 92351 GTACACACAC AAAAAAAAT TGTTTCATCA ACAGCTTGAC TAGGCACTGA
 92401 AAAATGAGAA ACTAAATGAA ACTAGATAAG GGCATAAAAA CTTAGTCCAT
 92451 CTCATCTCAG TGAAAGAAGT ATTGTTCTAG ATGAAAAATA TGTGAAACAT
 92501 GAAAAATTCA ACCTGGATAT CACTTGGTAG CATATGGAAT TTTAAAACTA
 92551 CAGTGAAGAC ACTTAAGACA CATAACAGA AGCCATAACA AAACCTATG
 92601 GTACAAAGAG TTCTATATTG TGTTCTGGGT ACCCCACAGG ATTTCCCAA
 92651 GGGCTATGAA ATAATGAGGT CCCAAGAGTA TTTGCCTTTC CCTTCTGCAA
 92701 GTAAGTCTAC ATAAACCGTG TTTAGTGTTC AGTGCTTTT AAAGACTTTT
 92751 CATTGTAAAA TATTCTTATT TATCTCCAAA GATTATAATT TGAAAGTTCA
 92801 CCATTAGCTT TGCTCTCAG GTAACCATT CTGTAAACCA TAAAGGGGCT
 92851 GTAAACCATA AAGGGGCTGC CAAGAAAGCC AAGAATAAAA AATCAGAATA
 92901 AGTATTTGCT CGTAGTGAAG GTAGGCACTT TATAGACATT TGTGCATCTT
 92951 CCTTCTGGAC CACTGTAGAA AGTACTTTAA GTAGTTCTTA TGAGACACTG
 93001 GGTCTATGATA TAAACATTTT TTCCTTTAAA AATGTTATAT AAGTATTGGG
 93051 TGCATATGAG TATCGAGGAT TCCATTCTAT AATAGAAGTC ATAACATCAA
 93101 ACTACCTGGT TAGTTTTGCT AGCTTTTCTG CGCAGTGTGC TCCATTTTAC
 93151 AGGAAGCCTT TAAATTCAAT TTATCTGGTA GAGTGATTTC AATTAGCAAG
 93201 CCAGTCTTAT ACCCTCTTGA ACTAGACTAT TGGGTGGAAT ATTGAGTTCA
 93251 GTTCTGCCTA CACATTCGCT GTCCTCCAC AAAATCCAG CTGTTCAACT
 93301 CACACCCAAC TAGAATGTAC AAACAACACT TTTTAAACAC ATCAACAAGA
 93351 AGCAATAAAA ACATAACCAC TTGTTCTCAG TAGTAAAGT ATAGAATATG
 93401 TACTTGCTTC TGAAACACT TGGAAATAAT TCCCAAGAAA TGAGATGCTG
 93451 CCTTCTGTCC TTTTCAGTGC TAACAGATCA AAGTTCTTGA TGGTTTCTTT
 93501 TATTATTTTT AACTCTCACT GTTGTTAAAC CCTCAAAACC TAACCCCAT
 93551 TTAATAAAAG CTTCTTTTAA AGATTCACAG TTTTCTTACT CATTCAACTG
 93601 CTGTTTACAC CAGATGGCTT TTTTGCTACC ATATTTTAA GACTTTTTTT
 93651 TCTTATCTCT TCATCCAGCT CCTTCTCCAT TCAATGGAAT AGTCAGTCTG
 93701 CTACAGTCTG GAGTTGAAGT TTAAAATTCT GAAAATAAAT GCATTAAGAA
 93751 TATTTTATAG GCAGTTTTTG TATCTTTATC CAACAAAGTG ATTAAGAATT
 93801 TTCATACTTT TTTTCTTCTT TGCTACTTTG ACTCCTTTAT CACTTTCATG
 93851 TGGACATAAA AATCTAGATT TTTAATTATC AGTGGCTAAA AGGATCATTT
 93901 AAAACTTCAT GGTAAATCCA GAAAGAGGAA GAAAAGAATC TCTGCTGGTT
 93951 TTTTTCCTCT TTTATTTTCT CCTGACAATT TTGAAAGGCT TCATGGACAA
 94001 CTCAAGTTT AATTTTACA ATGCTGTCAT TTAATTTTCC TGTGATAATT
 94051 ATACTATCCA TAAGTTTCT TGCAGAAAT AAAATAAGC AAAGATGATT
 94101 TACTCATAGT TTACACCATA TTTACTGTGT AAATTTATTG ATATTTTATC
 94151 TGACTTTGAA TTTCCATATC TGATTTAGGT TTACAGCAGA TTTCAATAAA
 94201 CTTTCAAAAC CTTAGTGATT TCATGAAATT TGAATTTTGA ACAAATCTGG
 94251 GCTGTTCAAG TGTGATTTAT TATGTCAGGG AAAAAAAGT GTAAAGTCTG
 94301 GCAGTGTGAG ATGAGTTTGT AGTTTGAGTT TTCTGGTTCA TTTAAGCCAG
 94351 AATCTCAGAG AAAACCTCTA GGGACAAGAA CCCACAGGAA CTGTAGCTGA
 94401 ATTCACTATA AATATTTTAA AGATAAAAT ACTTTCTGAC CTCTAACTAA
 94451 AATTCTTTTT TATATGTAA CACTCAAAAC ATTACTGTCC AAATCATTTCA

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94501 TCTTTTTTACA GGCTATAATG ACAAATTACT ATTTGAGTAT CTTAAATTTT
 94551 ACCGTAGCAT TATTAAGAAT GATTCTGCTG CAATCCACAG TGAATTTTGT
 94601 AATTATTAAA CCCATTTTCC ACAATATCCA TTTCCATATT TATATCAAAAG
 94651 TTCCAGCTTG AAAATCTAAA AACCAATATA TCAAAAGAAA GGGAGGTTAA
 94701 AGGAAAATAA TTGTTTTATA CTTATTTTTA AAGATATTCA AATATAGGGA
 94751 CTACAACAGT GACATTTTAC CTTAGATTTA TAATAAATAA AGTTTATTAG
 94801 TTTCAATTTTG CAAATTCTTC ATATGTAAAA ATAATAGTCT TTATAAAGTT
 94851 ACATCAGTTT CAGTATCAAT ATGTTAGCTG AGCTGGGAGG TAGCAAACCT
 94901 TGGCTTAGAA AAAAAAGCA TGCAACACAC TGAAGTGCTC CTTAATACTT
 94951 TTTTTTCTTT AAATCTAAAC ATCAACTGGG AAAAAGCAGA AAGATTTTTT
 95001 TTAAAGGAAA AAAATCTAAG ACATATAGAA TTGTAGAGAT GTTTTATCTA
 95051 ATACATGCTT AGAATAAATT ATATATTACC TTTTTTAAA TTTTGGTTGT
 95101 CTTAAATTAT GATTAAACAA AAACACTTCA AAAGTAGAAA GTGGTATACT
 95151 GCCATATATT TTATACTACT ATATTAGTA TCAAGTTTGT CCTACTGGAA
 95201 AATGTCTTCT GTGGTGACTA TTGATTTTTC CAAGAAAATT TATTTAAAGA
 95251 AAGGCAATAG AAGTCATGCT TACTATTCTT TGTTTAAAGG AAATTGTTAT
 95301 TGAAATTATC TGGTATGATT TTTATTTTCA AACTAAAAGA AAATCTAGAT
 95351 TAGAAGGCTT AACCTACATC ACTTCCTAGA TACTCTATGT AATGTTCTTT
 95401 GTCATTTATT TGCTCTAAAT AACGGGTTCT TTAGTTTAAA AAAAAAGCCT
 95451 TCAGGTAAAG ACATTTTATT TGTCAAGCTG CCGTTATAAA ACCTAGATCA
 95501 AATGCAGTAA ACGAGTAGAG GTAAGTGAGC CTCTTTTAAAG GTAAATGAAG
 95551 CTTAAACAG AATTGAGATT GAATCGACAA ATGGCTATGT CAAATTGCTT
 95601 CATATTTTAT GATTGTCAAC CAGACCCCTC TGTATGCTCT CTCTGGTCTC
 95651 TAATGGGCTA GAAGCTCTAC TAGTCAAGTT CACAAAAAGT CAAGGATTAA
 95701 TATAAGGATA TTCTCAAATT TCAGTGTTTT AATGTCTTCT AGGTACAAAG
 95751 CATCTTAGAG AATTTTAGCT GCCTGAATAT CAGTAGGTAG ATATGCAAAA
 95801 ACCAATGAGC ATGTCTCCAA CTCTCTTGC AAAGTGTGTTG TTTACTTGTA
 95851 TGTGGGAACC AGCCAAAAAG TTAAGTGGTG TCTGAGTATC AGCAGGACTG
 95901 ACACACCAAT CTTGTTTCTG GAATCACAGG TTAGAGTTGT AATTAAAAGT
 95951 TCTGTCGGCC GGGCGCGGTG GCTCACGCCT GTAATCCCAG CACTTTGGGA
 96001 GGCCGAGGCG GCGCGATCAC GAGGTCAGGA GACCGAGACC ATCCTGGCTA
 96051 ACATGGTGAA ACCCCATCTC TAATAAAAAA TACAAAAAAT TAGCCAGGCG
 96101 TGGTGGTGGG CACTTGTAGT CCCAGCTACT CGGGAGGCTG AGGCAGGAGA
 96151 ATGGCGTGAA CCCGAGAGGC GAAGCTTGCA GTAAGCGGAG ATCACGCCAC
 96201 TGCATTCCAG CCTGGGCGAC AGAGCGAGAC TCCGTATCAA AAAAAAAAAA
 96251 AAAAAAAAAA GTTCTGTGAA TTAGAATATA ACTGTATGTG TAGAACTAAA
 96301 CGGTGAGGAC ACAGCTAATG AGAATGTGGT TTTGAGAACT AGGTGGAACCT
 96351 GTGAATACCT GCCTGGTAGG GAAGCTTGTT TACCTGGGGA GAACTTAATT
 96401 ACAGTGCATT TAAGGAAAAA TAACAGAACC ATGAGGAAA AGAAAGGCTG
 96451 TTGCTTAATC TTAAAAGGTT TTTATTGACA GCAATTATAC ATTTTGGAGA
 96501 AATTATCAAA AATTAAACATT TGTTTCATAC AATAAAAAATG CTATCAAGTT
 96551 CTCCTTGACA ATGAGTATTT TGGGACAATT TATATTGCAT TTAACAAGGT
 96601 GGGCCCTTAT GGTCTTTTAA ATCCTCTGTG ATTTGAGACA TAAGTAGTCA
 96651 GGGCATGTTT GTCAGATTTT CCATAATCTG ACAAATGGAT ATTTTGTCAA
 96701 GGATGATTTA TTTCTATTTT CTTTATTAAT TGTTCTACCT CCCTAATGAT
 96751 TTCTGGGTCA TCAGCATTTT CAGGGTATGG CGAATCCATG CATTATGTGG
 96801 GATTTGAAGT AGAAAACTAG TCTCTCCCTT GGTGTCTGTA AAATATCTTG
 96851 AAATAAATCC ATTTCAACCAG AACTTAAATG AATGTGAAAT TTGCTAGATA
 96901 ATTTTGTCAA GGTGGTTATT CCGTTTACC CACTAGTATT ATATATGAAA
 96951 AAATATTTTA AAATATATTA TTTCTCTTTA GATGCATTTT TTGATAATGT
 97001 GTCATAATTC TTACTCTGTG ATTAAGGTTT TTATGAGTAA CCAAGGAACCT
 97051 GGTGTTTCGAG AGTGGCATAA TTAAATTTT AAGGACATCT TTACAATCAG
 97101 TCTTTCTTAT TTTTATTGTA TTTGTGTGCA TTGTTGACAA TTTGCTCTAG
 97151 ACTACTGAAA TTTTATCTTT TAACAATGTC CATTGATTTA CAGAGCCACT
 97201 GCATTGAAAC ATTTTATGTA CCTCTAATTT TTAATACCAG AAATATGATA
 97251 AATCTGGTAT TCTATGTTCC GTGACCCTAC ATTTTGATTC CAGTCTTAA
 97301 CCAAGTTTTA CTCTGTTAG TAAGTTTGTG CTCTGTAATT TTTTCATTTT
 97351 TTCTTTGGTA ACATTCTACA TTATTTAATA TAATTTTGAC TTTGAAAAATA
 97401 GCCTCTGGTT TGTCATTTT ATTTAATCTT AAATGCATTC ATCTTTTATT
 97451 TTCTTTCTCT TTCTTTCTCT CCTTTTCTT CTTACTGTTA CCACTTAGAA
 97501 ATTGCTCTTT CTGAAGCTTT TTTAAAAATA ATAATTTATT TATTTTTTGA
 97551 ACAAATGCAC AAGGCACACA ATTCAAAATG CTAAAAACGG TATGCAAAAA
 97601 GGCTGTCACC TCTGGCCATT CAGTTCCACT TGCCAGAAGT TAACATGGTA

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97651 ACCAGTTACA GAGAGAGATG CAGATGGTAG ACTCTGTCAT ACAGAGGTAT
 97701 ATAGCAACTA ACAGGGAGAG CGTGGGTTGA GAGGGAAATC AATGAAATAA
 97751 GAAGCAGCAG CAACTAGTGA GAGACTCACA GAAGGGAAGC CTGAGCACCA
 97801 AATATGGCTG ACAATTAGAG TTTCTGCTGG GTCCCATATA CCTGTGTCAG
 97851 GTTACTGAAA GCAAAGAATA ACATTCTAGT TTACCTAAAA CCTGAATGTA
 97901 TTAATTCTGA AACAGTTCTT ATTCTTCTGT ACTTTTATC TTGATTTAAA
 97951 ACAAAGAA AAAAAA TCCTTCCACT ACCTGAATTG GAGCATGTCT
 98001 CTAATTTTGG TCACAAGAGC CGTTAACATA TGTCACAAGC AAGATATGTA
 98051 TCTTTGCTAA ACTTCAAGAG TACCATCTAT ATCATAGGGA GGTCTCTTGC
 98101 TCTCTTCTTT CTCTCTTCT GTAGTAGAAA GTTAATACTG TAATGCAGAG
 98151 TGAAAAGGAT AAGGCCTAAA GTGAAAATAT CTGTACTGTT TTAACATAC
 98201 AATTAGTTGA ATTGCAGATA ATTTGCCTAA CATTATTATG TTTTCTCTGA
 98251 ATAAATATTT TTAATACTTT TAGTTCTCAA GAGAAAAAAG AAAATATAAA
 98301 GCATTTCAATT TTTTATTAAG AATGAAATAT AAAAAAGTGA ATGTGCAAAA
 98351 ACATAGATAT CAGAAATGGAT TAAATATGCC AAATATATTT ATATCAACAG
 98401 TAGATTTCAAG TGAACATTTA ACTTCTAATA ATAAGAAAAA GTATTTTATT
 98451 TTATAGCCAA TGAAGAAACA AAAGGAAAAA TTAAGAAAGG AAGTGAGGGG
 98501 AAGCCCATT TACAACCACT CCATTAACAA ATATAAAATC AAAGAGAAAA
 98551 AAATAAATTA AAAGATAAAT TAAACCAACT CTTCGTGTCA TTCTTATGAC
 98601 ACCCATTGCT CTAGATCATT TCCAGGTCAC ATGGATCTTA ACTATCCATA
 98651 CCACTCCTAC TTCTGGGTTA TTTCATTCTT TAAACTGTG TTTCTGGTAG
 98701 AATCAACAAG GCAAATATCT AGAGATGTGG TCTTCAGGTG CAGAACTTTT
 98751 GATGTCTTAA TTTGTACCTA AAATCATCTC CTGCTCTTAA AGACATTTGT
 98801 TATTCTCCAT GCAAGCTTTG GAACACTGAT TATCCACAT CAAGTGATAA
 98851 AATAAATATA TTTTCAAAAC AAAGTATGAA GAAATCCAGC CATTCTATGC
 98901 ATCTATAAAT CTATTACAG GAAACATGAC TGCTTTAAAG AAAATAAATT
 98951 ATATTAACCT CAAGAAAACG AGACATTTTA ACATTTAAAA AGTTTCAGTA
 99001 TCTTATGTAT ATCTCACATT GCTTCATAAA AATGACTGTA TATTTTGTAA
 99051 AGGGTTCTAA TGATGTAGGA AAGTGCCCTG AGAAATACAG TGTTTTATAA
 99101 AACTCTACAT AAACATAAAA TACCATTATG TTTATGTTTT GAACTGCTAG
 99151 TTATTCATAT TTCTTAAAG GGAAATATTA AACATTATAA AAGCTGACAT
 99201 GTTCATACTT GACATGTAGA ACCTGCAATC AATTACCAGG CTGTTGACTA
 99251 AAATGGAAAT ACAAATTTT ATGAGCATGC TGGTAAAACA GTTGTGATAG
 99301 ATGGATAAAA TATTTAATAT GTAGCACATA GCATGTAACA TCAAATCATA
 99351 TATAATACAA TGGTATATAA CATTGTATAG TATAAATATG TAAAATATAC
 99401 ATGACAACCTC TATTACAAAA TGCTTTTGCT CTCATTTTTT GCTTTGCTTT
 99451 TTAATTTAAC ATGAAAATAG CATGTTATTA ATATGTATAA TTAATAACAT
 99501 ATGTTATTAA TATGTGTAAT TAATAACATA TGTTATTAAT ATGTATAACT
 99551 AATAACATAT GTTATTAATA TGTATACTA ATAACATATG TTATTAATAT
 99601 GTATAACTAA TAACATGTTA TTAATATGTA TAATTAATAA CATATGTTAT
 99651 TAATATGTAT AATGCTAGCA TATCACTATG CCATGACATG AACTAAATA
 99701 CCCCTCTCCA AAGCATGGCT TTAATTTTAT ACTTAGAAGA CTAGGTTAAG
 99751 TTGTATCTGG ATCTGCATAA CAGTTAGTCA ATTATCATGT ATTTCTGAAG
 99801 CCTATATCAT AGCAAGATTT TTGAATCAAG ATTCATAGAG AACTCCTAAT
 99851 AAACACTAGG AAAAAATCAA GTCCTTGAGA TGACAACAAA CCCACATAGA
 99901 GAAAACCTACC AAACCCAGAA AGTCCGAAAA AGTACTTTAG AGGTACACAC
 99951 TGACCATAAG ATCCATAGCA TTTCCAATGA CTTGGCAGGG CCTGGAATGG
 100001 TAATGGGAAG AGGAAAGGAA ATTGCAGTTG AGGGACTAGA GCAAAGTCAC
 100051 AGAGATGGAA AGAGCAGAAA GTTCAAGGAG TGTATTAGA TGGCATTCCC
 100101 TGATGTAGAG TGAAGGTAA CTGTTGAAGA TCTGGCCAGG AATTAAGAGA
 100151 ACTTGGACCT GCTGTAAGAT TGACAGGCTG AGTACACCAG TCTCAGGATT
 100201 CAAATTTGAT TTCTATTGAA ACATCATTAC CGTTGTTGAG CACGGTATGA
 100251 CTGTAATAAA GTTTTCTGTA TTCTGTGCCT TTCTCTTAA TTCGATGTAC
 100301 TCCTGAATCT TGCTGTCAGA CACAACTCA CTCCCTCCA GTCTTTGAGG
 100351 CAGGTCAGCC TACCACCCA CTCCATCTG GTGCTGATTG GAAGCCACCT
 100401 GAGTTACCAA ACTTGTCAGT GCCTGTTGTG CCTGGAAGAA GCCGTGGGCT
 100451 CACTTTGGCC TTTCACTCAC AATGCTTCTT AACTCCTAGA CAATACCTGC
 100501 TTTATTAGCT GCCTAATGCC TCAGGTTTAC CTAAGACTAG GACATTGCTC
 100551 CAGACCCATT TTTGTATTAA GTCTTTGCCT CCTTTGAATA TTTGACTCCT
 100601 ACTTTTCTT CACCCACCT TATCCAACA CATACATACC TGGTGTCCAC
 100651 CTCCTGGCTC GGGTCTGAC ACAAAGGAT GGTTTTACCT GAGCAATGAT
 100701 AACTTAACAT TATCATCTT CACTGATTCA TCAGTGCTTT TAAGTACCAG
 100751 GCATGGAAC AGAACACCC CAGGTACTGA CATGTCACAC CTGTCTGTTA

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100801 CTTCTGACAT AGTGGCCTCT TGGGGCACTG GTCTGTGAAC TACTTGGCTC
100851 CTCTTATTTG GATTAGTTTC TGCAATCCAA TTAATTCCTC CCATTTACAG
100901 TGCTTTAATG AGTAATAACT TGGACTCAAT CAATACCCAG CCCTGCTCAT
100951 TCATGTACTG CCATCCTAAT ATCCATATCT CATTGATGTG TCTTTTCTTA
101001 CTAGGTCTGA ATGATCATAT CTTTCAATGT GGCTATTGAC CTTGTATTTT
101051 TCATAGTAGA ATCAGATAGG AGGAATATTA TGGGGCCTGG GACTCTAACC
101101 ACCCCTATGG CCAGACCAAG CTACATGGAA ATATTTTGAG GAGACCCTCC
101151 CAATGATCAG GTCTCACTCA GGAACATGCC TGGCCTGGGA TGGCTCACTG
101201 CAGGTCCCAG CCTCTAAGGG AGACAGAAAA ATCCTGGGGA GGTTCACCTG
101251 ATGACTGGGC CCCATGTAGG ACCTGGAGCA ATGTATTCCA GAGGCCAGCA
101301 ACAGCTCAGC ATGGTTCCCA CTGGTGTGGA TATGGAAGCA GTTAGTAGAG
101351 GTGCAAAACC AGCAGGTAGA AAAGACATGG TGCCCCAGTG ATAGGGCAAA
101401 AACAAAGAAC ATTCAAGGTGG GGTGGCTGGC AATGTGTCAG ATGAGGTATC
101451 TAAGAATCCA TGGCGACAAC AATCAGAAAT GAGAGTAGAC AGTTGACATT
101501 AGGAATAACA TCAGCTGGGA GGTAATCCTT GGCCATTAG CAGGAATTTG
101551 AAGCATGGTG TTCCTAGCCC TCAAGACTAG GGTGAATATA GTGAGAAGGA
101601 AAGTTAGAGT AAGAGTAGAA CAGGCATACA AGGGAGGTTT TGAGAAAAGT
101651 AATTGAAAAT GGGCACCAAG GCAGAAGCTC ATTTATAAGA TATGGGGCAC
101701 ACAGGGGGCA TCTGAGGCTC CCAAAGAAGA TGGGCATCAG TATTTTCAGAA
101751 GGGCCTGAAT GACAGTAGGC AAGGGGAAGT CAGGAGAAGT TGAGCTCCCG
101801 CACAGGTTGT GATTAGCACA CTGAAGAAGA AGCAGAGCAG GTGTGTCAGA
101851 GTGGGGATCC AGTGCAGAAG GATCATGAAC TAGAAATTAG GCTGAGTCTG
101901 ACTTAGACTT CATGAAAATG ATGCCCTGCC TATAAAAAAC ATAACTGCA
101951 ACAGAGTTTA GCATGGATAT GGGTGGAGGC ATATAGGCAA CTTTATTGTC
102001 GAGCTCTCAA GAGAGAGATT CCAATTACAA TGTATTAAAT GCTGTTTTAT
102051 ATTTATTTCT TTTAGTTATC CTCCAAGGAG CCCAGATGAA GTAGGTGTTA
102101 GCCAATTTTA TGGATTAAAT TCAGTAAGGA TAAGAAATTG CTTAACAGCC
102151 AGACAGATAC CAGAATAAAG GACAAACACA CTGATTTTCT TTTTTTGAGC
102201 TTTTGTCCAA TGTGCTCTAT CAGCATCAAC TCAGTTCCAG TGTTTCCTGT
102251 GGGTCTCTTG TTTTCTGGGA AGAAGTAGGT CAGATTAGGC AACATTCAAT
102301 ATGAAGCTGT ACCTCCTGAC TGAGTCTGAA AGCCTCTGTC AGCAAGTTCT
102351 GGAGAACCCT GATTAAATGA AACCACCAAG GTGAAGTGT CTTTTGAAAA
102401 ATGTCAAAT AGGGCAGTGA CGATCTTAAT GTATAAGGGC TATGCTCCTC
102451 TGTGCTGAAG AACTCTGGCA GAGACTTCTT GGTAGTCAAC AAGGGTAGGT
102501 CGTCATGAGC TTAATCAATG GCAGTTATAC ACAGAGGGAG TAGGGTCTTT
102551 GCATGCAAGG AGTAACAGGA CATTCATGTG TATATACATA CACACATATA
102601 TATATGCACA CACACATATC ATCAGAACAT GACCAATGAC TTGACTATTA
102651 TCTTTTAAAG TTAGAATTTT TAAAAGAAAC TTACACAGAA AGATTCTATC
102701 TTGTTGTAGC AAAAAAGTAGA GCTGTTCTTT TTTACAACT TTTTTTTTTT
102751 TTTTTTTTTT TTTGATATGA AGTCTTCCTC TCTCTGCCGC CCAGGCTGGA
102801 GTGCAGTGGT GTGATCTCAG CTCACTGCAA CCTCTGCCTC CCGTTTCAAG
102851 TGATTCTCCT GCCTCAGCTT CCAAAGTAGC TGGGATTATA GGCATGCGCC
102901 ACCATACGTG GCTAATTTTT GTATTTTTAG TAGAGATGGG ATTTACACAT
102951 GTTAGCCAGG TTGCTCTCCC ACCCCTGACC TCAAGTGATC CACCCACCTC
103001 TACCTCCCAA AGTGCTGGGA TTACAGCGGT GAGCTACCAC ACCCAGCCTT
103051 TCACAACTAT TTTCAAATGC CAGGCTGTAT CATCCTGTGC TTGGCCCACT
103101 TTACCTTACA GCAGGGGACT GTACTTAATA GTGGAGAAAC CAAAATTGTT
103151 TTGGACTCAG TAAAGTGTG GTGATTTACT TTGAACATTA TTATTTTTGT
103201 CTATTAGTCA TTAATATAAT TTTCTGAAA TACAATATGT GATTTGGAAG
103251 GCCTTATTTT AGTCTTCTTG CATATATATT CCTTAAGAGG GGTCTTATTT
103301 ATTTCAATAT ATATAGCTAA AGTCTATAT TTTATCTTGC ACCCAAATGA
103351 TAGCAGAACC TTGACTCTTT CCTCAAATAT TTCTGAGAA GCTTGAATA
103401 CTGGAATACT CTCACGTCA CTCTGCCTTG GTCTCCATGT CTCCTGTCTT
103451 CTTTCTGAAA ACACAAGGCT CCTTCTGGCC TTGTGTTTGT CAAGGCTACT
103501 CTCTCTCTTC TGATCTATAA GCATGAACAG GGTCTCTCTT GAACCCATTA
103551 GCAGCTGCTT CTCTTAGAGC TTACGAGCCC TTACCTACTG CTCTTGGCCC
103601 CCATTTAAT CAAGGCAGAG AAAGCCAAC CACACAGACC AGGATCACTA
103651 GCCCCAGAGG TGCTTGGAAAC TACCCTTTCT GTAAGCAGGT GGAATGGGC
103701 TTCATGCTTC ACTGAGAAGT TGTACACATG ATCCTCTTAG AGTTTAGGAG
103751 AAGATCAAAA TCTCAGTCTT TTTGAGATT TTCTTTCTCT CTTAGTTAGA
103801 GTTTGGAGTG GTTTATTTCC AGAACCATAG TCCTTACTTT GTTTTTGTTT
103851 ATTTTAGGTG CCTCGATCTA TGAATATAAT TGGGTAATAA AAAGAATATA
103901 CTTCCCAGT AAAGCTACTT TAGTTGCTGA ATCCTCAGGA AAAAAAAGT

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103951 TATTTTAAATTT GGGTTTAAATTT GCTAGTCATT GTGCAGAACC ACAGTAAAGA
104001 TAACTACATA ATCTTACAGA AGTGGCCTTA CAGTGGGTTC ATTTTCTTTA
104051 GAAAGCTCCA TTGCCTCTTG CTGTCATTCT TCAAATCTG AGGGTACTGC
104101 TTGATGCTCT CTATCTTCCT CTGATTAACC ATTACAACAG TCCAACACCC
104151 ATTTGTCTCT TTGTGACTTT GGTACCTCA TAAATTGCAG CAATCCCTGT
104201 TATTAGAAGG CATCACATCA CCTATAATAG GTGAGCTGTA TGAATGTCCC
104251 TTAGCCACAA TGAATCATTT ACCTTTGGGG TAATTTCCAA TCAGCAACAT
104301 CATCTCAAT CTATAATCTC TCACTTTTGC TTTATAAAAG CAAATCACCT
104351 TCAGTCATTT CTATACAAA ACACCTCTCC TTAAGAGGCA CTATTTTGAT
104401 GTAAATCATA TCTGATGGGA ATCACAAGG CATCAACATC CACAGGTTTC
104451 CAGATTTTGT AAGCTCCTTT GTAATGAGTG AAAAATTTAG AGTTCCTTAA
104501 ATAATACATG CAAAAACATA ACTTTAATTT CAGTTATTTT TCTATAATCA
104551 CATTTAATTT TGGTTATGGG ATTCCATTCT ATTCAAAAAG CAACTCATTTG
104601 CATGAGAAGT TTTCTTAGTC CAAACAGGAT TTTTAGTCAG TGTGCCAATC
104651 CTTCTCTTCT CCTTGCAGGT TTGCCAGTGG ACTCAGGGAG AAAGACCTAG
104701 TCCTGAGTCC TCACCACCTG GCCAGGTTGG CATCAGTTAA CAGGAAAAGC
104751 ATTCACTGAT TTTTATTAT ATGTATTAT ATTATCATC AACATCAGTT
104801 CCACCAGACA TTACCTAAAC TGTCCTATTCC ATTCATGGTC AAGTCATTGG
104851 CCCATACAAG TACTTCAACA TTCAATTATC TTGACCATGA GGCTCTGCTG
104901 GCCTTCTCTC AGCTAACTCT AAGCCCTTCT CAAGGAGCAT ATTATGTGTG
104951 TAAATTTGTC ACAGCTTGAC GGGCTGTTCT TGCCCATGTC TCAGAAAAGC
105001 CAATGCACCTG AGAACAGCAA GTATTGTAAT AAAGAAAGAG TTTAATAATC
105051 GCATGGCCAC CCGAGTGAAG GATAAGAGGT ATTTCTCAA TCTGCCTCCC
105101 TAAGAATTTG GAGATTAGGC TTTTAAAGGG TAATTTTGTG AGCAGAAGGC
105151 TGAGGAACCTG GGAACATAA ATATTTGGCT GGGGATGAAA TCACAGAAAT
105201 GTCTAAACTG TCTTAGCACA GTTTGAGCCA CTTCCAGGA GGAGGTTTCA
105251 GGACAAGGTA GAAGGTTTAC CAAAATACTA AATCTGCAA ATACCTCAAG
105301 GGCCAATTCT TTAAGTTTG CAATAGTGAC ATTATCTATA GGAGTAGTTG
105351 GGAAGTTAT AAATCTTGTC ACTTCTGGTT ATGTGACTCT GGTGCCATAA
105401 GCAACTTATA GGAAAGCAAG CAAAGCAATG GCAGGTATT TTTTAACTAT
105451 GCTTATTCTT TAGCAGGATT CAAGCTCCTA TTATAATTTT AACCTTGTC
105501 TGTGAATGTG GCTTCACTCT CCGAACAAGG AGAGGGTTCA ATTTCTTTG
105551 CCTCAGAGTT TATGAAGTGA ATTCCTCTCA TAGCTTTCTT GGCTTCATA
105601 CTAGAGTAAC CAAAAACAAA TTCAGCTTCT GAGATTAGAA GCAAGATGGA
105651 GTCATCATA TTAGATTTCT CTCATTACTT ATAATTCTCC AAAGGCAGTT
105701 TCAAAGTGAT TGGTGAGCAG TGTGCTTGC ATGTCTAGAC AGATCATAGC
105751 CATTGCTTAC TTTTTCACAT CCTGTGAAAC TTACTGTAAG CCTTGTCTG
105801 TCCAGGGGAG GAAGAGACAG GTTCTGCTGG CTTTGTAGATC ACCAGATTAC
105851 TAGGCTTGGA TGCAAGGCAG AATAAGAAAC AGGATTCAAA ATTTCTTTT
105901 AAAGACTCCC ATCAACATCT AAGTTTGTG CTTTCATTG TGATTCTTT
105951 CCTTAAACAC CACTCTCTCC AGTCCCTATT TTCATATGTT AAAAGGATTG
106001 GCAGGAAAAA TCACTGTCAA GTAATCAGAT GTTTTCTAT GACTATGCTT
106051 TATGGTATAA ACTTCATGTA TTGAGTCCTA CTGAGCTCTG GCTTTTAAAT
106101 TTTAAAGCCA TGGTTTGAAT ATTAAGAAAC AAAATGCTCT CCAATGATTT
106151 ATGCCATGAG TTTGAAAGT CCATTTTGAA ACACAAAACA CTCATTTT
106201 GTTTAAAAAT CTGTACCTAA GGCAAGGAGT GCCACACTAT CTTTCTGGGA
106251 GGAAGGGCTT TCATGTTGAA GAGAATCATG GTGGAAAAA ACAGCATAAT
106301 GTTTCAAAAT ACATCCCATC ATATATGGGC AGGAAAAACG CAATATCGAC
106351 AAAAGTGAG AGCTGACACC ATGTCGCTTT AGTGCCTGCA GATGAAGACA
106401 TTACATAAAA TTAACATCTA TGATCACTAT AATTTCTCAT TAAAAATTGT
106451 TATAAAAAACA TAAAAAGGTC ATAATCTAAA AACAAAGCAT AGTTCTCTAA
106501 ATTTGTTAAT CTTTACAGA TAATATGCAG CATTATAAAA AAAGAGAGAG
106551 CCACCATATT TTCCTATACA TAGTATTTAT CTTTGTCCA GGAGGGAAAA
106601 AAATAAATTT TATCATGTGA TATCCAGAT TCATGAAGGA ATTACTATTT
106651 CTACTCAAAA ATGCTACCAT ATTATTATGT AGAGCTTTT GAATAAGACT
106701 TCCTAGAATC CACAATTTAA TAATGGAATG AGTTTAGAAA AAAAAACAT
106751 AAATTTTGGA CCAAAAAATA TATCCATTCA AATTATAGTC ACTGCCAGTT
106801 ATTTAAATTT CTGAGCTCA ATTTACTTAT TTGAAACTG GGGAAAGCAG
106851 TAACTATACA TTTAAGTAAT GCTGGTGGT TAAATGAGGT AAAGTATGAA
106901 AAATACCTGG TACATGGTGA GACTTCAGTT AATATTAATT TACATTCAAT
106951 TTAATCTAGA TGACAACTA AGGAGGAAAT ATTTATACCA TTTTACATAA
107001 CAAGTGGATA TTTCTATCTT GTTCTATTCA CTTCCCTTTC TTAAGAAAAA
107051 ATCAGGTTCA GATCACTGGA TCAATGCTC CTTCTTTTAA GGCAGGCAGG

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107101 AGATTGCTGC TGATGGCTGA CAAAATAAAA TGCCAAAGGA GCTGAAAAGA
107151 TGCATGGGTT AGCTTAGGCT AAGTTCTGCT GTGATGGAAA ATGATACCAA
107201 AGTCTCAGAG GCTCACAATA ACAATCACTT TTGGCTCATG CTACATGCAC
107251 GTCATGAGTC TGTTTCAGCA CTGCTTTGTA TTATCTTTGT TCTGAGAATA
107301 GACTAGAAGA TCATCCCCCA TCTGGGGAAA TCCTGATCCC TTGGCTGAGG
107351 GAAAAATACA GAAGGCAGAT TTACATGATG GCTCTTACTG CTCTGCTTGA
107401 GATGTGGTAT ATTTCCAGT TCATTAGCCA AAGCAAGTTA TGTGGCCAAG
107451 CTTGATGTCA ATGAGTTGGG CAGAAACAAT CCTGCAATAG GGAGGGGTTT
107501 AACAAATATT TTGAACAATA ATGTAATCTA CATGGGCTAA AGTAATACGT
107551 TTAAAGAAGA CAAAATATAG ACAATAGAGA ATCTGGGAAC GATCCATGCT
107601 AACTACTCAG CTCTAGTTTA TTTGCTTTCA CACAGGATTG GCAACCTAGT
107651 CACCAAACCT GTTTTTTCAA AGAAGCTGGG AGCTGATGAT TGTGATTCA
107701 TAGCTCTGAG AGCCAAGCCC ACTTCTGGA AAGTCTGGC CCCAGAGCTC
107751 TAATACCATG TGTAGTATAA GAATTTATAT CAGATCTGAA AGGAATGGAC
107801 TCCCACTGTT GCTAAATATG CCAAATTTTC GAGACAAGCT CTGAATCTGG
107851 AATTTTATAT AAAATCTTTG TATTTCAAAT GTTATCAATG AATTCAAGTA
107901 TTTTAAAACA AAGTGCCAGA TTAACAAAAC ATTGTTTCAG GCAAAATCTG
107951 GCTCACTGAC CACAGTTTCT GAATAATGAT GGAGGTGTAG AAAGAGATAC
108001 CCACACTTTC CTGAATCAGC AGCTTACAAG TGGGAGAAAT TTCTATTTCT
108051 AACAGGCATA ACAAAGTAC CCAAACTTG TAAAGAGCTA CTGCCCATAT
108101 CTCATCATGC TATTTCAAACC TCACAGTAAT CCTTTGAGAC AGATATTAAC
108151 AATTATAATT TTACTATTAC AAATGAGGAT ATTGAGGTTT AAAGAAGCAG
108201 TGACTTGCTG ATGTGAGTGC ACCTTATAAT TGAAAATGCA GACCACAGGA
108251 TTCTCAATTC TATCTTCTCT CCATTGTACC TTGCATTGAG TTTAGTTCTA
108301 CCTACCAAAT CCCTAAAATG TGACTTTTAA AACACTCTAT CTTTAATCAG
108351 TAACTGGATA AATGTGAAAC GCTCCTTATC CATATGAATA TACTAACTCT
108401 AAGGTAGTAT ACCTTTTGAA GAAAGAGATC AAAGAATAAG ATATCTATAT
108451 ATTGGGTACC TGCTTAACTT ACTTTAGTT TCCTTTTCTA TATAAACCTT
108501 TTTGGTTTCA CAGGTCCTTG ATCATTGGTG GCATTCTCAT TCACAGTCTG
108551 CATCAGAGGC TGTCAGTCA TGAGTCGAAT GTCCCTTAA CTACTAATAT
108601 CAGCTCAGGA GATACTTTC TACAGAAAAG GGAGAAGAGT ATTGCCATCC
108651 TCTTCACAGC TAGTCCCTCT AAATCGTCTT AGAATTTGCC CACTGCCAGT
108701 GCATCTTGCT CCCTACACCA CTCTGGACAG TGATATCCCT ATGGCCACAG
108751 AGGAGAGCAA GGTATCCCTA GACAGCCCCT TCAACATCTG CCTAGTGTCT
108801 GTAGTTGCTT ACTGTTAACT TACTTTGCCA TTTAGCTGAA AACTCAAGTG
108851 CCTTAATTCT GCCAATTTA TCTGCCAGGA GTTAACAGTT CAAGTTTCTA
108901 AGCCACACAG CTTCTTCTTA TATTTATATT TTTGTAATTA GTAAATATTT
108951 CAAACACAGA AAGTAATATA ATTGATATCC CTATACCTAC CATCCAGCTT
109001 TACTAAATTT AACTTTTGCT GCAATTATTT CAGTTTTTAA ATATACTCCC
109051 TCTAATTGTA TTCTCTGCTC CTCTATAAAG TTATAACCTT TTCAGACGTA
109101 TCTGCAACCC TAAATTTAGT ATAGATCATT TTCATAAATA TTTATGTGCT
109151 TTCATAAATA TTTTATATTT TCATAAATAT TTTTCATGGAT ATTTCATAGC
109201 AAATATCCAT AAAAATAAGG TATCATATTG CTGTGTTTAT AAAATATTAT
109251 AAAATAGCTC TACTTTCTGC ACTGTGAAC TCTTGATCAC TATTTGTTTA
109301 TTCACCCCAA ATTAATACCT GTAGCACAAG TTCATTTATT TTAATTACTG
109351 TATAGGAGTC AATAGAATGA ATATACAAGG ATTGCTTAGT CAATATTCTG
109401 TTTATAGGCA TTTAGGTTTT CTTTTTTACC TTTTATTTTC TTTTAGTTCA
109451 ATATTTCAA CAAAGTTATA GAAGCAGTTC CTTATGCACA TGTGCAAAAA
109501 TTTTTTTGTG TATATCAATT AGAAGTGGAA TTGCTGTGCT ATAAATTTTA
109551 CTAATATTAT ATATTATTAT ATATAATATT ATACACACAC ACACACACAT
109601 ATATATATAT ATGTATGTAT GCAGGACATG AATCCTTTAA GAGTCAAAAT
109651 GCATTGCAGA AGGTCTTCTC AAGTCTCTAC TTTATTTTTT CCATGTTACT
109701 TATGATTTTG TTTTCTTTT CTGATAGAGA TGTTTCTACT GTTGTGAGCT
109751 TTCCCCAACT GTTTCTCTTA CATTTTGCAT CTCATTAAAG AAATCCTTTT
109801 GCTCTGATAA AATAAGATT TTTTCTCTTA TACTTTGTTA TATATTTTAA
109851 TTTTCATATT AGGTCAATAA TTCACTGCAA TTCAGTTTG TGTATATTAT
109901 AAGGATAGAT CCAATTTTAG TTTAGCTTGC CTGCCTGCC TTTCTGTTTT
109951 CTTTCTGCTT TCCTTTCTTC TTTATTTTGA TAACCAGTTG TCTCATCACT
110001 TTTAATTTTG TTGAAGATT TTGTATCCAT GTTCATGAAT GACACTGGAA
110051 CATATTTTCC TTTTCCCGC TGATATTGTT TTGTTTTTAT ATCAAGTTTA
110101 TACTAGAATG ATTAGGTGAA TCAGTGAGTT TCTTGATTTT TAGTGTCTGC
110151 TATGCTTTAT GTAAGATTG TAAAACTGC CTATCACACC ACATGAGTAT
110201 TATTGGCCAG TTTTGAGGG AGGATATTTG GAAAGGAACA GTTTTTAACC

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| | | | | | |
|--------|------------|------------|------------|-------------|------------|
| 110251 | TGTTACTTCC | ATTGTCTTAA | TTGTCATTTC | TTATTCAGAT | TTGTAATCTA |
| 110301 | TTTTCTTGTT | AGTAATATTA | AAATGTCAAT | ATAGAAATTT | ATAATAGTAT |
| 110351 | TCTTTAATGA | TTTATTAAAT | TGCTTGCTCT | TAGTTTTGAG | TCTTTCACTT |
| 110401 | CTAATACTAT | TTGTGCATTT | CCTAGTTTTG | TTGATTTCCC | ATTTAGGAAA |
| 110451 | TGCAGTTTCA | TAACAAAGTA | TCTAGTATGT | AATTTTAAAT | TAATCTTGCT |
| 110501 | TGAAATTTCT | TTTACTTATA | AACCTGAGAA | TTCATGTTTC | ACAAGAATTC |
| 110551 | TGGGAAACCC | TCAATCATAA | GCATTTTCAA | TATTGACTCT | TTTCCATTCT |
| 110601 | ATTAATTCCT | TCTAGTATTC | TTACTAGATA | TATTTTGGAT | CCATGGTTCT |
| 110651 | TAATTTCTCT | TTCATATTTT | TCATCTTTTT | TCATTCGACA | TCTTCTAGTT |
| 110701 | TTCTAATTTG | GCCATGTCTA | ATATAATGTT | TAAACCATTTC | TTTTTTTTTT |
| 110751 | ACTTTTATTA | CTGTAATATA | ATTTTCACAC | TTTGTATTTA | CATATTTTTT |
| 110801 | AAGATCAACC | CTGTTCAAAT | TAACTTGCTT | TTTTATGTTT | TCATTTTCTT |
| 110851 | ATTCTATATG | TGATATAAAT | AAAGCTACTT | ATTTTATAGA | CTTGATTTTA |
| 110901 | TTGCTAAATA | GGAAAACCAT | ATGATCATCT | CAGGAGATGA | AGAAAAAAA |
| 110951 | TTTTCACAAA | ATAATTCAAC | ACACACCCAG | CATGAAAACC | AACCAATAGA |
| 111001 | ACAGTAACCA | TATTTGTAGA | AAACGGCCAA | TAAAACAGTA | TTTTCTCAAA |
| 111051 | CTTTAGGACA | CCTTAAAATA | CAGCTTATTA | ATAACATCAC | ATCTCATGAG |
| 111101 | GAAAGACTGA | ATACTTCCCC | CCAAAATGAA | AATAAAGCAA | GAATGTCCAC |
| 111151 | TCTTATTACT | TATAGTCAGC | ATTTTATTGA | AGGCACTATA | CTAGTTTTAA |
| 111201 | AAGCATGGAA | AAAGAAATTA | AAAGTATGCA | GGTTGGAAAG | TAAGAAGTAA |
| 111251 | GATTGTCTGT | ATACACAAAT | GATAAAAAAG | TTACTAGAAC | TAATTAATGA |
| 111301 | GGTTACCAAA | TCTGTTGAAA | CCAGATCAAT | TTTCAAATAT | CAATTGACAA |
| 111351 | GCTGATTCTA | AGATGTATAT | GGGAATAGAA | AAGATGTAGC | TTAACTAAAA |
| 111401 | CAACTATGGA | AAAAGAAAAA | AAGAAAAACA | AAATTGGGGG | ACATATATTA |
| 111451 | CTTGATTTC | AATTTGACTA | AAAAGTCAAA | ATAGGGTATA | TTCAGAGAAA |
| 111501 | ATTAGCCGGG | CGTGGTGTCT | GGCGCCTGTA | GTCCAGCTC | TCAGGGAAGG |
| 111551 | CTGAGGCAGG | AGAATGGCGG | GAACCCGGGA | GGTGGAGCTT | GCAGTGAGCT |
| 111601 | GAGATCGCGC | CACTGCACTC | CAGCCTGGGC | GAGAGAGCGA | GACTCTGTCT |
| 111651 | CAAAAAAAA | AAAAAAAATA | AATTTGGGTA | TATTGACAAA | ATGACAATCA |
| 111701 | TATAGATCGA | TGAAACAGTA | TAGAGTCGAG | AGACAGATGT | ACATATATAT |
| 111751 | GGGCCAAGGT | AATGTAATAG | GGGAAGGGCA | GTCTTTTAAA | CAAATGGCGC |
| 111801 | TGTAACAGTT | ACATATCTTT | GTTTAAAAAA | ATAAAAAAA | AAACTTGAAC |
| 111851 | CTTACTTCAC | ATCATGTACA | CTAACTCAAA | ATAGATCATT | GATCTAAGTA |
| 111901 | TGACAGGTAA | AACTATAAAT | TTTACATGAA | ATCTTGGAGA | AATTTTCATA |
| 111951 | CTTTTGCATT | AAGCAAAGAT | GTTCAAATA | AGACCAAAAT | TACCATGAAT |
| 112001 | TTTAAATATA | TATTTGATAA | CTTGGCTTCA | TCAAAGTTTT | TTGTTTTGTT |
| 112051 | TTGTTTTGAG | ATGGAGTTTC | ACTCTTGTTC | CCCAGGCTGG | AGTACAATGG |
| 112101 | CGCAATCTTG | GCTCACCACA | ACCTCTGCCT | CCTGGGTTCA | AGCTATTCTC |
| 112151 | CTGCCTCAGC | CTTGCAAGTA | GCTAGGATTA | CAGGCGTGCA | CCTCCAAGCC |
| 112201 | CGGCTAATTT | TGTAGTTTTA | GTAGAGACAG | GGTTTCTCCG | TGTTGGTGCA |
| 112251 | GGCTGGTCTC | GAACCTCTGA | CCTCAGGTGA | TCCGCCTGCC | TTGGCCTCCC |
| 112301 | AAAGTGCTGG | GATTACAGGC | ATGAGCCACC | GCGCCTGGCC | TCATCAAAGT |
| 112351 | TTTAACTTTC | TGCTCTTCTG | AAAGACACTA | TCAAGAAAAAT | AAAAAGACAA |
| 112401 | GACACCTACT | GGGAAAAATA | TTTGAAAAAC | ATATTTCTAA | TAAAACTTGA |
| 112451 | ACCCAAATAA | TATAAAGAAA | ATATAAAAAA | CACCACTCAA | ACAGCTTCAT |
| 112501 | TTTACAGGCA | AAATCTTTGT | AGAGACATTT | CACCAAAGAA | GAATACAAAT |
| 112551 | GGTAAAACAG | CACATAAAAA | ATTTATCAAG | ATCATTAGTC | ATTAGAGAAA |
| 112601 | TTCAACTTAA | AATCACAGTG | ATAAACCAC | ACTTACGTTT | TAGAATGCCT |
| 112651 | AATTAATAAA | AAAAAGCTGA | TTAAGTCCAA | ATGTTGGAAA | GTGAGTGTAT |
| 112701 | CAACTAGAGC | TGTCATATAC | TGCTGATGAA | AATGGAAAAA | AAAGGAGTTT |
| 112751 | TTAAAAATAA | ATTAATTATT | CACATATCAT | ATGACACAGA | AATTCCTCTC |
| 112801 | CTGGGTATTC | TCCAAGAGA | AATGAAAACA | TATGTACTCA | TGAACATATA |
| 112851 | TATATGCACA | TTCAATATAT | GTATGTTGTT | TACAGTGAGT | AGCTTTTGCA |
| 112901 | TATATTTTGC | TAAACTTATC | CTAAAAAAT | CCTTTCATAC | ATTGGTGCTA |
| 112951 | AAATTTCAAT | TTTTGTTTCT | TCCTGGTATT | AAGAAGTTCA | ACTGATATTT |
| 113001 | GGAAATAGAT | CTTGGTTTCA | ACATATACCT | ACATTCATAG | ATATATGAAT |
| 113051 | TGTTATAGTG | AATATATTAA | TAGCCAAAAC | CTTGGAACAA | GCCCAAGTGT |
| 113101 | TCATCAACAA | GAAAGTATGT | AAACAACTG | TTCTATATCC | ATAAAATGGA |
| 113151 | ATACTATTGA | GCTACTAAAA | GGAGACAGTA | ACAACATGGA | TGAATCCTAA |
| 113201 | AAACATCCTG | CTGAGGGAAT | AGAGGAGAAA | AAACATTACT | CTGTAAATAA |
| 113251 | TAGTCAGTAG | TATTCTATGT | ATATGGAATT | CTTTAAAAAG | TAAAACTGTA |
| 113301 | GTAACAAAGT | ACATCAATGA | ACGTCGGGA | GTATGGGTAG | AGTGGGGTGA |
| 113351 | CGAAGATCAA | CTACAAAAAG | ATGTAAGGGA | AATTGCATGG | TGATGATTTT |

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| | | | | | |
|--------|-------------|------------|-------------|------------|-------------|
| 113401 | TATATTGATT | ATGTAGAGTT | TAAACCTATG | TCAAAACTGT | AACAAATGGG |
| 113451 | TCAATATTAT | TCCATGTTAA | TTATATTTTA | TTAACATGAA | TTTAAAAACA |
| 113501 | GAAATAATTT | TGTTATACAT | CTCTATTATG | TTGTGCCCTG | AGACAAAAAA |
| 113551 | ATCTTAATAA | AAAATCTTAA | ACTGTTTTAT | ATAAGCATAT | TTTATCAGTA |
| 113601 | ACATCACTCT | TGTTATTCTA | AGAATTTTGT | ATGTATACAT | AGTAGAGAGC |
| 113651 | ATAAAAGCTA | TTAAGCTGTC | CTTGGAACC | AGGACTTTTG | GAGTAGATTA |
| 113701 | TGGGAGAAAG | AGACATAGAT | AGGTATGTTT | AAGTAAAAAC | TCTGTAGTGC |
| 113751 | TAAATTTGAA | TAAAAAGTAT | CTGTATGAAT | GCATGATATT | TTGATCTTTA |
| 113801 | AAGAAAAACA | ACCCTATCTA | CTGAAAAACA | AGTCCTAAAA | GTAAAAACTG |
| 113851 | ATTCAGCTGC | AGTGATAAGC | CCCCTCCCCA | ATAATTACAT | TGTAGTTCTT |
| 113901 | ATGTACCACT | TCCCATTAGA | ATGAATCAGT | GTTCCCTGGG | AAAATAGCTG |
| 113951 | ACCACTCAGG | TCTAGGGTGG | CAAAATGAACA | TAGAGCCAG | AATGTCGTAT |
| 114001 | CAGAAAGTAA | GGAACTATT | AAAGCCATTA | AGAACATGTC | AAAAGATACT |
| 114051 | GAAGCCAATT | GAAAAGCCTT | CCACACACCA | AAAATGGGGC | AATTTGACCA |
| 114101 | TTAAAAAAGA | ATAATAGGCT | GGGTGCCATG | TCTCACGGCT | GTTATCCTGG |
| 114151 | CACTTGACAA | GGCCGAGGTG | GGCGGATCAC | TTGAGGTTAG | GAGTTCAAGA |
| 114201 | CCAGACTGGC | CAACACGGTG | AAACCTTGTC | TTTACTAAAA | ATACAAAAAT |
| 114251 | TAGCTGGGCG | TGGTGGCAGG | CACCTGTAAT | CCCAGTTCT | CAGGAGGCTG |
| 114301 | AGGGAGGAGA | ATCACTTGAA | TCCGGGAGGC | GGGGGTTACA | GTGAGCCGAG |
| 114351 | ATGGCGCCAC | TGCACCTCAG | TCTGGGAGAC | AGGGCAAGAC | TCCATCTCAA |
| 114401 | AAATAATAAT | AGTCATAATA | ATAACCTCCA | AGATTAAAAC | CCTTGAAATA |
| 114451 | TGTATATGAG | TTTATAATAA | TACTTGTAAG | AATTCATTGT | TACTCTTCAA |
| 114501 | GGAAACCAAC | TCATTCTTTT | TAAAATTGGC | AAGTAAAGGG | AAATAAACAC |
| 114551 | TTACCTTATT | TGGTATCTGA | GGATAACCAT | CAGCAAAACT | TACACTGCAG |
| 114601 | AAAACCCTAC | AGAACAATAG | ACCCAGTTTA | AAATACTGTT | TAAAAATATAT |
| 114651 | AAAAAGAAAG | AAAAATAGAG | GTAGGCTTAG | TGTATAGATC | AAAATTATAG |
| 114701 | ATGAAAATTT | ATAGGTAAAA | ATCTATAGAT | CAAAAGAGAT | AAGGTATGTT |
| 114751 | TCTACTAAAT | GCAATGAGTG | GACTAGTGTC | CCAATTTAAA | CAATTTTTTA |
| 114801 | AAAATCAGAG | AAATTTTTGT | ATTGATTGGC | TAATATTTAA | AAGCATGATA |
| 114851 | ATAAAATCCT | GACTGTGCAT | TTGTTTTGAA | AGAAAATATT | CTTTTAGAAA |
| 114901 | TACATGCTGA | AATATGTGCA | GATGACATGA | TACGGTATCT | GGAATTTGCT |
| 114951 | ATGAAAAATC | TGAAGCATGG | GGGATGTAGG | TAAGGGTGAA | AATGAAAGTT |
| 115001 | ACCCATGAGT | TGATAATTAT | GTAAGCTGAG | TGTTTTCTAC | ATGGGGTGTT |
| 115051 | TTTACTCTAT | TTTCTCTTAT | TGTGAATAGA | TTCAAAATTT | TCCACAACAA |
| 115101 | AAAAGTTTCA | TAATGTCCCT | CTGGGCAAAA | TCACTTGTGG | AAGAAAACAG |
| 115151 | ACAAGACCTA | GATAGGAGTG | ATTAAAGAAA | CAAAACAAAA | TAAAAACAAA |
| 115201 | GCTTGCCTTC | TCCCTTTTGA | TGGTCTTGTT | CATGAATAAC | TTCCCAGTGC |
| 115251 | TTCTATTATT | CTAGTATAGT | GAGAAGAGAT | TGAGTAAGAC | AAGATAATTA |
| 115301 | AACCTTCAGAT | AATATAGAGT | ACCTTTGGTA | AAAAGACTGC | ATGAAAGTTG |
| 115351 | TATGAACATA | TTCTGAATGT | ATCTTCCAGA | ATGCTTGCAG | TTACCCTATG |
| 115401 | ATTAAAGATT | TTTGGTTATA | ATTATGTATT | TTAAAGAAA | AATCTGCCC |
| 115451 | TAAAGAACAT | TCATATAAAA | ATGTAAGCAG | ACATGGTGAT | AAATGTTTCT |
| 115501 | TTTTACAATT | TAAACATAAT | TTGCAAAAAA | AAATTAAGGA | AGACTTTTTT |
| 115551 | ATCAATGTGA | TACTATTTAT | ACTGTTTATT | AAACAGTTAC | AATAGGAATA |
| 115601 | TGATTAAFTG | CATATAATCA | AAGTGAATAT | AAAGTATAGG | AATGAGTATT |
| 115651 | ACGAATAACA | AATTTGTGTT | TGCATTATTC | AAATTCAAAG | TTGTAACATA |
| 115701 | ATCTTATCCA | AAATATTTGA | AATAATCTTC | TTTGATTCTA | AACACCATTG |
| 115751 | AATTGAGAAA | ACCACAGTTA | TAGCTAAAAT | TTGACTTACG | AACCTTCTTT |
| 115801 | TTCAAATTAC | AGAAATATTC | TCATCAGCAA | GCTGTTGGCT | GATGTGACCT |
| 115851 | TAGCTTTTCA | GAAGACATTC | CAAAAATAAA | ACACACTTCA | GTGAGTCATG |
| 115901 | AGAAAAAGTA | TTTTTCGGGG | ATACTGCATA | GGATTTAAGG | AAGTAACCTT |
| 115951 | TTCCCTTGAT | GCAGTAAGTT | GCTATAATAT | CTATTTGACT | ATACAGTAGT |
| 116001 | CCTTCTTAG | CCATGGTTTT | CTTCTCTCTG | GTTTCAGTTA | TCCGTAGTCA |
| 116051 | ACCATGGTTT | GAAAATAGGT | GGGTATAGTA | CAGTACAAGA | TATTTTGAGA |
| 116101 | GAGAGAGGAA | GAGAGAGATC | ACATTTCTAT | AAATTTTATT | ACAGTATATT |
| 116151 | CTTTTTTTTT | TTTTGAGACG | GAGTCTCGCT | CTGTCGCCCC | GGCTGGAGTG |
| 116201 | CAGTGGCGGG | ATCTCGGCTC | ACTGCAAGCT | CCGCCCTCCG | GGTTCACGCC |
| 116251 | ATTCTCCTGC | CTCAGCCTCC | CAAGTAGCTG | GGACTACAGG | CGCCCGCCAC |
| 116301 | TACGCCCGGC | TAATTTTTTG | TATTTTTAGT | AGAGACGGGG | TTTCACTTTT |
| 116351 | TTAGCCGGGA | TGGTCTCAAT | CTCCTGACCT | CGTGATCCGC | CCGCCTCGGC |
| 116401 | CTCCCAAAGT | GCTGGGATTA | CAGGCGTGAG | CCACCGCGCC | CGGCCTACAG |
| 116451 | TATATTCTTA | TGTTTATTCT | ATTTTGTTAT | TGTTAATATT | TTACTGTGCC |
| 116501 | TAATTTATTA | ATTCACCTTT | ATCATAGGTA | TGTATGTATA | GGAAAAAATA |

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116551 TATAGAAATA ATTGGCACTT TCTGTGGTTT TAAGTATTCA TTAGGGGTCT
116601 CAGAACATAT TCCTGGCAGA TAATTGGAGG CTACTGTATT CATTGTTAAG
116651 ACTATGAGGT GCGCACACAC AAACACACAC ATACACAGAG TAGGTAAAT
116701 TATGTTAACA GGTCTAGAAA ATTAACATATC ATTCTAACT AAAAGATAT
116751 TAGACAGGCT GAAGTTATAC CTATTATTA CCTGTACTC CAAAGTTGTT
116801 GTTTTGCTCT AACTCGTTTT CCAAATTCAC AACATAAACT GCAGGTATTA
116851 GAAAACTTTT CATTCTAACT CTTTCAACCA ATAATTTTAT TGTCAAATTC
116901 ATCTTCCCAG GAAAATATA CAATAACCTA TATTTGAAAC TGTGTATATT
116951 GGTCCTTAGT TATGATTGTA GCCTTCATAG TTCTGGCCCC AAAAGTAAGG
117001 TATTAATGTG CTTTTATATA CTGTATACTT TTTAAAAGAA TTCCTCACCA
117051 CCTGTGGGTA ACAAGATATT CTTGAAAAT TATTTTTTCA TAACTATACT
117101 TTTACCTCTT ACATTTGGGT TTAAATATA TTTGAATTTT CCTCATATAT
117151 GTACAAAAAA AGAAACTGAA GTATAAGAT TGAAAGTTG ATCAACATTG
117201 GGATTTATAA ACAGTGTGAC TCTATAGAAA AATGAATAGA ATTAACAATT
117251 AGAGTTAGTA GGATAGGTTA GCAAAGTTGC TAAAGTTAAA CTGAGCAAAA
117301 ATAATATGGT AGCCCCCTGC CTTTCATCATT GGGTGGTACA TTCCAAGATT
117351 TATCCTGGTT GTCATGTGTG GCAGGGATTG CTTCTTCTTT CTGGCTGAAT
117401 AATATTTCTT TGTATACCAC ATTTTCTTTA TTCATTCATC TGTTACTGGA
117451 TATCCCTTCA ATTGGCAATG TACATGCACA ACTCCAGAGA AGAAACATGC
117501 ACAAGAGAGG ATTTGAGAGG CCTGTGGAGT TTCTGTCTGG GCTGATTGGT
117551 GGGGGTTTTT TCCTGTAAAA GACTAGTTCA TGAAGACCAG GAAAGGTGGT
117601 TTTTTTTACT AATATGCATG TAACAATATA GAGACTTAAG GGAAATGAAG
117651 AAACAGGTAA ATTATGGCCC AAAGGAACAG ATACATCTCC AAAAATACTAAC
117701 ACTAATAAAG AGATATATAA TTTACCTAAA TTATATATAA ATAAAAATAGC
117751 ATCTTTATGG CAGATAAATT AAAATATCTT CCATAAAGAT GCTCAACAAG
117801 GTCAACAGGA TACCAAGGTC AGCATAAATA AACTGAGGAT TTTAACAGAA
117851 ATTCTATGAA AATTTACCAA ACAGAATTTT GGATCTGAAG AATGCAATAA
117901 CTGAATTGAA ACATTCACCTA GAAGATTTCA GCAGCAGACT AGATTAGGTT
117951 AAAAAAAAAG TCAGCAAATT TGAAGACAGA TCATTGGAAG TTACTCAGAG
118001 AAGCAAAAAA AAAAAAAAAG AAGAAAAAAA GAATGAATGA AAAGGATTGA
118051 AGAAAAACATG ATGATGAGTT TATGGGACAC AATCAATGGG CCAATATACA
118101 CACATATTAT GTGAGTTCCA GAACAAGATA AGCGAAAGAA AGGGCCAAAA
118151 ACTTATTCAA AAAAAATAA ACTGAAAACT TCCCACATCT GGTGAAGGAA
118201 ATAGATATTC ACATCTAGGA AGTTCAACAG ATCACAAGTA AGATGAACCC
118251 AACTGGTCTA CACTGAGACA TGTATTATC AAAGTGTAAA AAGGCAGATG
118301 AAAAATTCCTG AAAACTCCAA GAGAAAAATG ACTTGTACCA TATTAAGACA
118351 TCCTCATAAG GCTATTAGTG GATTTCTCAA CAAAAGTTGC TTCTCTTTAA
118401 AAAAAAGTCT ACTATTTTCT GATTATCTTC TTCTGCCTTC TGTATAGTA
118451 CATCAATTTT ATTTTCTTAT TCAGTAAAT ATTATTGGA TTTTTCATC
118501 TTGTACTTTT CTGATCTACT TTAATATGCA TTTCACATTA CATTGTTTAT
118551 TTCTCTAGTT ATTCTGAAT ATTTTAAATG ACTTCTCTT CTTACTTCAT
118601 CACTATATCT ACCTTAACT ATCTGAGTAC ACTTACTATG CTATTTTTTA
118651 TGTTTTGAAC TTTCTTTTCT AATAATTTTG GTTCGTTTAG TAAAAAGTGT
118701 CTATATGTTT CTTTCATCCC GTGTGCTTAT GTTCCCTTAG TGGTATTGAC
118751 TATTACATAA GTAATACGTA CTAGTGAAAT GTTGAATGCT GACCCCTAGA
118801 GTCATCATAA AGAAGTATGT CATGATTAGA ATTTATATAT GGCAAAAACA
118851 AAAGTGTTC AATTACTAT TTTCTGTAA AGATTTTAA ATAAATCACCT
118901 TCTACTGTTT CTTTTATTTT AATTATGTAT AATTACTTTG TAGGACTTAA
118951 AGTTATTCCTG CCATCATTTT TCCTTCATTG AAACATTAAA CATAGCTCTG
119001 ATTTTCTTTT TTAAATAAAG ATAATCAGAT ACTTATTGA AATCTTAAT
119051 TATTTTTTAT AATACCTGAA ATTTTTTAAT TTCCGTAAAT GAGACCTCAG
119101 GCCTTCAAAA TGTCTTTGAA TTTGGTGTAA AAAATTTACT TAGAGCACTT
119151 GAGATACAAA ATAATGAAAG CATACTAATT ACATGTTATT GTATTTGGCC
119201 AGTAAGAAAG AATGGCTAAG GCAACCAAAT GGTAAATCCA AGCATAACCA
119251 TGCATGTATT ACACAATTTT TCTCACCTTC CGTATTGAAC GTTGACATCA
119301 AGTAATATAA GACTGCTGAT CAGAGGAAGT GACCTGAGGG ACAAATAGA
119351 CTGCAATGTG ACTGGAAGAA GAATCTTAGT GTCTGCATCT TTAGTATCT
119401 TTCACTTATG TAGATATTGG GGTAAAAATA AAAATTTGTG TCTTCTTTTC
119451 TGATTTGAGA TGTCTTTCCA CATATGTAGT GGCATTCTGC TACCAGCATG
119501 GCTGACCCAC AATAGCTGAT TTTTAAATCT TTAGGAATTT TGTAATGAAG
119551 TTGTTAAAAA TCATTTAAAA CTATTATTAA AATTAAAGTC ATTTTAAAT
119601 GCCAGCCAAT ATAAAAAT AACTTCTATA TACTTACAAA TATTAGTTTA
119651 CTGAATTTTA CTATCATCTA TGCTCTTGAG GTTATTTGCA ACTATTTTCT

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| | | | | | |
|--------|-------------|-------------|-------------|-------------|-------------|
| 119701 | GAATGGTAGA | AATGCCACAC | AATGATGTGC | TGCTGTGCAT | CTCTTCTCAG |
| 119751 | TTTCACATTC | TGCAGCATCA | GAAGCTGGTA | GCTTGAAATG | AGTCGTAGCG |
| 119801 | TTAGTATCTA | TACCTCAGAA | ATCTGCAAGC | ACCGCACCTC | AGGATTTGAT |
| 119851 | TTATTGTTTT | GTAGATAATC | TAAATTTAAG | AAAATGATAG | AGAAAATGCT |
| 119901 | AATAAGGCAG | ATTACAAATA | AAAGTGTGTA | GAGCCTGTAG | TGGTTATGTT |
| 119951 | GTGATTAGCA | CAAAAAATGA | GGAAATATTC | TTCTAGTATT | CACAAACTAT |
| 120001 | TATCTAACTC | AACAAAGGAG | TCACTCATGT | CGAAGACAAA | CAAGTGAGGT |
| 120051 | TTCTACACCT | ACCACAATTG | CTTCACTTTC | ATCTTATTCA | TTATCATAAG |
| 120101 | TGAAAATATC | AACCAACAAT | CAGGTCAGAA | CTACACTAAT | TCATGAATTG |
| 120151 | CAACCATTTT | GGCTATAGAT | ACCAGGTTCA | GCAAAATTCA | ACTGAAGAAT |
| 120201 | TATGTGAGAA | TTAATGGACT | ATATGAAACT | TACAACAGAG | TATTGTATAT |
| 120251 | ATTGTTTATA | TTTTTAAATT | GTGTGTTATA | CAACCTTTAT | ATCAGTAAAA |
| 120301 | GTCATAGTAA | ACCTGCATAT | GTATAAATGG | ATATACATAT | GTAGATTTTT |
| 120351 | TAAAAATAGA | GCTGGTTTTT | AAACACCTGT | GAGCACGCCA | CTACCACTGT |
| 120401 | GCACATGGAT | TAAGTCTCAG | ATAACTCCAA | ATATCCATTT | AACTTCTCAC |
| 120451 | ATCATGGTTC | ATCCTTTGGT | TCATTGTCTC | TCTCCCTTTT | TCTCTCTCTC |
| 120501 | CCTCTCTCTC | TCTTTTTTTT | TTTTTTTTTT | TAATCACACA | TCACTAGATG |
| 120551 | GTGAAGGACA | TGAGAGTACC | CAGGAAGGAA | GGCTTATAAA | GAATTTGTGA |
| 120601 | TTTTAGTTGA | TCTCTTACAC | TTGACAGAGA | AAGAAATCTG | CACCTCAAAT |
| 120651 | CTTCTTCACT | AGGGCTGTAT | GAAGACTAGC | ATTTTCAGCA | ACAGTTGCTG |
| 120701 | TAGAGATGCA | AATCCAGTTG | GATTTCAGCAT | GAAGTGTGCA | AGTAAAAATA |
| 120751 | CTTGATTCGT | GGACTTCCCTG | ATAAGACCTA | TCTCAAGGCA | GCAATAAAGG |
| 120801 | CTATGTATGA | CCATTGTCTC | AATACTTGCA | AAAATAACAG | AAACTCAGAT |
| 120851 | TGAGATTGGA | GACTTTTCTT | GGCCATAGCT | AACAGCTCCT | AGTATTTTAA |
| 120901 | ATATGATTAA | ACATAACCAC | AAATGAAGAG | TGTATTATTA | AATAAGGTTG |
| 120951 | CAGGAACTA | TTTAAACAAA | GACTCTTAAC | ATGGGGGGTA | AGTCTGCATG |
| 121001 | GCAAATTCAT | GTAGACCTTT | TCTGTCTTAG | GAGAGGTTAT | TTGTTTTATT |
| 121051 | TGTTTTGTTG | TTTTTCTTTC | AGTCTGAGGA | TGTTGATTGA | AAATTGCTAA |
| 121101 | CAATTTGAAA | TAGCGAGTAG | GTTGAAGTCA | TGTTTTTGTA | TTTAGTAACC |
| 121151 | AGCCACACATA | TTCCCTATTTA | AAAACAAGGT | TGCAAAAATT | AGGGTTTTCA |
| 121201 | CTCCATCTGT | TTAAAACCTGG | TTTTCTTAGT | CTGGGAGTTC | TTTTTTAATA |
| 121251 | TCATAAAATA | AAATATTTCT | CACTAAAACA | TGACAAAAAC | TTTATTACTA |
| 121301 | AGAAATCAGA | GCTATTCTGT | GGAGATTTGG | AAAGAAAAAA | TAATCCAGTT |
| 121351 | CACTTTAGAA | CAAATCCTCT | CATAGTTACC | CATTGTTAGT | ATTTTGACAT |
| 121401 | TTCTACCTTT | TAGAATACAA | GTTAGGATTT | ATTACATGTC | ATTCAGCAAG |
| 121451 | AATAAACAAA | TGAAAAAACC | CTGCAGCTAA | TAAATTCAGC | ATACCTGTAA |
| 121501 | TGAAAATAAA | TGCTGGTATT | CCATGTTTTT | TGCAGATTTA | CTAGATTTTC |
| 121551 | CTTAAAGAA | TGGATTAAGT | ATAGATATTC | ACTGTATACA | ATATTTTACA |
| 121601 | ATAAGGTTCT | TTGAAATAGC | AAGCTCCAC | TAATGAGCTG | AATAAAAGAA |
| 121651 | TAGCTAGGAT | GGAAGGAATT | GTAGTGAGTA | GGCCTACATA | CACATTGTCA |
| 121701 | CTACCAGGAA | CTAAGGCTCT | GTTATCTTGT | CTGAAACATA | CAGCTAGTAT |
| 121751 | ATATACATAC | ATACCCAATG | GGGACAAGAG | CTTGTGTAC | CTAACTTCCC |
| 121801 | TTCTTTCAGA | AAGAATAAAA | TTATCAGTGG | ATTGGAAGAG | AGGTGGGAGA |
| 121851 | TTTTGTTTCC | AAATCTTTT | CTGCATCTGA | AAATTTTAA | CTCTGACTCT |
| 121901 | TAAAATTGGA | TAGCCATACA | ACATGTCAGA | AACATATCCA | CCGGGCAAAA |
| 121951 | TAAAGTTTAC | TCACTTACCG | AGTGAACATG | ACTTTATAGA | GAGCAACTAA |
| 122001 | AAAGGTATCC | ATATGCAGAA | TCAGAGACAT | TTGAAATTAA | AGGATATGTG |
| 122051 | GAGACTAGAG | AAGAAATGTT | TTATTCTAAA | CTCTGTATGT | TAACTATAAA |
| 122101 | CATGGATTGA | TACTTTTTAA | ACATAAAATA | TATCATAATA | TAAATATCAA |
| 122151 | AATGAGTGTT | GTTCCATTCA | ATAGCATGGC | TCTTGTATATA | CTATGACACT |
| 122201 | CACAACCCAA | TTTTGAAAGT | TCTTCCAGAG | CCACTTTATG | AGCCATCAGT |
| 122251 | GAAAAGGAGA | GTCTCATTAT | GTTTCAGTCC | CAACACATTT | TTGATGAAGA |
| 122301 | ATGTATAAGC | TCTGCTTTGT | TCATACCACG | TTCTCTACAG | TGGGCTTTAA |
| 122351 | ATGATTTTCAG | GCTATTTTCT | AAACCAAGTC | TACTCTCAAA | GAGATAAAAC |
| 122401 | ACATTCACTG | TTAAATGTAT | TAATGTTATG | TTAAATTTTC | ACAAGCTCTT |
| 122451 | AAGATAATTA | TAAAAAGTTG | CAAGAAACAT | GTTTAGACAA | TGATGGTCAT |
| 122501 | TGAAGTTCAGT | GCACCACTG | CCAGTAGGTT | GATTTTGAGA | TGAAAAACACT |
| 122551 | ACTTGGAAGT | TACAGCCTGA | TATGTTAAAA | AATGTATATG | GCCATACCAC |
| 122601 | CCTGAACGCA | TCCAATCTCA | TCTGATATGT | TAAAAAAAT | CATGTCACAT |
| 122651 | TTTAGGTGCA | GATTTCTTTC | TCTGTCAAGT | GTTAAGAGAT | CAACTAAAAT |
| 122701 | CACAAATTCT | TTATAAGCCT | TCCTTCCTGG | GTACTCTCCT | GTCCTTCACC |
| 122751 | ATCTAGTGAT | GTGTGATTAA | AGAAAAAAA | AAGAGAGAGA | GAGGGAGAGA |
| 122801 | GAGAAAAAGG | GAGAGAGACA | ATGAACCAA | GGATGAACCA | TGATGTGAGA |

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| | | | | | |
|--------|------------|-------------|------------|------------|-------------|
| 122851 | AGTTAAATGG | ATGTTTGGAG | TTAATCATGT | CAGTTAAATG | TGGCATGAGA |
| 122901 | TTTTAAAATA | AAATATAGGT | GTCCAGAGTT | TTTAGGGCTT | CTTCTAGATG |
| 122951 | TCAGCTAAGG | AATTTTATTC | TTTAGGGACT | GTTTATAATT | GTACTTTTCA |
| 123001 | AGTAATACTG | AATTCATTTT | AATAATCAGC | CTTTATCTCA | TTCATTTCATT |
| 123051 | CATTCACTCA | AGTGTGAGGA | ATACAGCTGT | AGAAAAACAG | GCGCTTATTC |
| 123101 | TCCAGTGAAA | GAACTGAAA | ATAAATACGT | GGTGACTAAT | ATAAAGTCAG |
| 123151 | GGTAAGAAGA | GCTATGGGGA | AAAATTAAGC | AAAAGAAGGA | TGTGTTAAGG |
| 123201 | AACGCCAACT | TAATCAAGAA | AGTCCTCTTT | GAGAAGCTGA | CAAATGAGCA |
| 123251 | TAAATCTAAG | TGCAGATAGT | GGAAATGTGT | TCCTACCAGA | AGGAACAATT |
| 123301 | GCATAGATTC | TGAGGACTTT | GAAGAATGAC | AAGGTGCAAA | TTGAGGCTGA |
| 123351 | AGAGCAGTGA | GCAGGAGGCT | GGTGATAAGA | GAGATGGACC | TTTCCTTAGC |
| 123401 | ATGGAGTTTG | GAAAGTAATG | AAGGGCACAG | TACCTGGAGT | CAGATCATTT |
| 123451 | GGATCTACAT | GCTAGCTTTA | TTGAATATTA | TCTGTATACA | ATTTACCTAA |
| 123501 | CCTCTCCATG | TTTTGGATCC | CCACCTGCCA | AATGGGGAAA | GCAGTAGTAA |
| 123551 | CCTCTCATAG | ATGTGCCAAT | TAAATAACAT | GCATGGCACT | TTACATGTTG |
| 123601 | CATAAAAGAT | GACATATTAG | GTGAAGAAAG | AGTAGAGACA | TGAAGTAGTA |
| 123651 | TCTTTTTTAA | AAAAGAACAT | TGTCTGTTCA | CATATTAAAA | TGGGAAACCT |
| 123701 | TATAAAGATT | TAACCTTTTA | GTTCTACCTT | GTAATTAGGG | CTTCCCATGC |
| 123751 | AGTTATTTCT | TTCAACCCTC | TCTGCAACAG | CTGCCATTTA | TTTACATTTA |
| 123801 | GGTTTAGCTG | CCTTTCTTTA | AAGCAACACT | CTTTCTACCC | AAGATCATAA |
| 123851 | TAAAAAAGGC | AACGTTTAAT | GATTTTTTCT | ATAATCACAG | AAGTATTAAA |
| 123901 | TGTTCCCTAA | AGACATTTTT | AACAACCAGA | ATTATAAATA | TAAGAAAATA |
| 123951 | ATATACATCA | TGGCTGTAAT | CACAGAATAC | CTTCCAAGAT | CATTACATAT |
| 124001 | TGGTGAATTG | AACTATTTCC | AGTGATTTAA | TATTGTGGTA | AATGTTTGAT |
| 124051 | CATATTTTAT | GGCCACAGTT | TGAATCATAT | TGGTCTGCTC | CAAACTTGT |
| 124101 | GCTCCTTCTT | CACATAAACT | TATAGCATAA | AATACCCTGG | GTATAAGAAT |
| 124151 | GCCAAAGAGC | TTTTGAAAAG | GGCTTAATAG | TCAATGATAT | CTTCACTTAT |
| 124201 | TGAGAAAGCC | CTAATAAATA | ATAATATAAA | ACACTTTACT | GTAGCATGTA |
| 124251 | AGTACAATAC | TATATTAGCT | GGATAAAGTT | TTATTACAAG | ATCGTGCTAA |
| 124301 | TGTAAAGCAC | TCAGCAATCT | AGGAAACAGA | GATGAAAGAA | CACATATAAT |
| 124351 | CTATCTTCTG | TTTAACAGAC | AAGAATCCTG | AGACTCAGAG | AAAATGCTAT |
| 124401 | CTGTTTAAAA | GTCACAGAAG | ACAAAACAGT | AAATTTTAA | AATACCAAAC |
| 124451 | CTAATTCAGT | GCCTTTTAG | TTTTTGAGAA | CAAATTTTA | TAGAATAAAT |
| 124501 | AACAATCACG | TGACTAGACT | TCAAAAAAAC | TTAGAACATT | AATTTTTAGG |
| 124551 | TGGGGTTTTT | TTTGTGTGCT | GATCTGCAGC | CATGAACTAC | GAGAGCCTTG |
| 124601 | TTTCACTAAA | GGCTATGACC | AATCAGAACT | TTGAGAAGAT | TTCTTTTGAT |
| 124651 | AGTAAGTAAG | ATAATATCAT | AGAAAAGGAC | TTGAAGTATG | GAATCCACT |
| 124701 | ATTTTAAACC | TATTTTATAT | AGATAGACAT | TCTATTTTGA | AACTTTTAGA |
| 124751 | ATAAGAAGCA | CAGCAATGAA | GGAAAAGTAA | GGAATAATAA | AATTTTTAAT |
| 124801 | TTGTTTTTAA | AATTACTAAG | ATTTGTTAAA | GGACCTTCCG | AAGTGTGGTG |
| 124851 | TGCACACACA | CACACACACA | CACACACACA | CACAAAGACA | TGCTCCAGAG |
| 124901 | TGAAAAGATC | TATACTGTAA | ACATATCAGA | ACAACCCAAA | TTAATCTATA |
| 124951 | CATTTAACAT | AATTTTAAATC | AAAATTAATT | CTAAACATAC | TTCCCATACT |
| 125001 | TTTCACTTAT | TTTTAAGTAA | AGTTTAAATT | TTGAGATAAT | TGTAGCTTTA |
| 125051 | TGTGCAGCTT | TAAGAAATCA | GACAGAGACA | TATATGTACC | CTTTATCTAA |
| 125101 | TTCCCCCAT | GGGAACAACT | TGCAAACTG | TAGTACAATA | TCACAACCAG |
| 125151 | GATTTTGACA | ATCATTTTCC | AAGACACTGC | TTCTGTCACA | ATTGCTGACG |
| 125201 | TACCATTGGC | CCAGCAAATA | ACATGGCTCA | ATTTAGAATA | TGGGGCAAGA |
| 125251 | TAATTTACTC | CAACATCTTG | TTCAAAGAAG | CTACAAAGTC | CTGGTGAAGG |
| 125301 | GCATAGCTAC | AGGGAGAGCT | GATGATCTGG | GGACATTATG | GGATCAGTCC |
| 125351 | ACCATACCAA | CTGATATAGT | TTGGATATTT | GTCCCCACCC | AAATCTCATG |
| 125401 | ATGAATTGTA | TTATCTGATG | CTGGAGATGG | GTCCTGGTGG | GAGATGTTTG |
| 125451 | AATCATGGGG | GTGGGTGCTG | TATAGATTGG | TACTGTCTTC | GTGACAGTGA |
| 125501 | GCTCTCTCAA | GATCTGGTCA | TTTAAAAGTG | TGTGGCACTT | ACCCACTTCT |
| 125551 | TTGCTCCTGC | TTTTGCCATG | TGAAATGCCT | ATTCCCCTT | CACTTTCTGC |
| 125601 | CATGATTGTA | AGCTCCCTGA | GGCTTCCCCA | GAAACAGATG | CTTCTGTAC |
| 125651 | AGCTTGCAGA | ACCATCAGCC | AATTAAGCCT | CTTTTTTAAA | ATAAATTACC |
| 125701 | CATTCTCAGG | TATTTCTTTA | TAGTAATCCA | CAATGGCCTA | ATATACCAAC |
| 125751 | TTATGACATT | GCTGTAAGGA | TGAAATAGTG | TACTTCAAAG | CCCTTCGTAT |
| 125801 | AATACATTTT | ACACATTTTG | TTACTCTCAT | ATTAGCATGA | TATTCTCATT |
| 125851 | ATTAGCATGA | CATTTATAAC | AAAGCTGTTT | TTACTAACCT | ATAGCTTTAG |
| 125901 | GACAGAGGTC | AGCAAAGTTT | GGCCCTGGG | CTACACCTGG | CCCACTATCT |
| 125951 | CTTTTTATAT | AGCCCCGAAG | AATAGGTTTA | CATTTTTTAA | CGATTGAAAA |

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| | | | | | |
|--------|-------------|------------|------------|-------------|-------------|
| 126001 | AAGAATTAAA | ATTTAAGGAT | AATATTTTGT | TTCATGTGGA | AATTATATAA |
| 126051 | AATCTAAATT | TCAGTGTCCA | TAAAGTTTCA | CCGGAACACA | GCCATCCTCA |
| 126101 | GTTTACATAT | TGTCTAGACT | GCTTTTCCAC | ACCAATGGCA | GAAGTGAAGTA |
| 126151 | GTTGCAAGAA | GAGCTATGTG | GACTGCATTG | CCTAAAATAT | TTACTATCTG |
| 126201 | GTCCTTTTACA | GAGAAAGTTT | GCCAACCCCC | TGTTTCAGAA | TATTTATGTG |
| 126251 | GAGCTCCTTA | GGTTTTAAAC | AGACATTTT | AAAGAAGTCT | AGCCTGGTTA |
| 126301 | TTGAGTCACT | TCTCTAAGAT | CCTTCAGTGA | ATATTTGGAA | GGGTAGGAC |
| 126351 | TGCTATTACA | TGTGACTTTG | ACTAGAAATA | TTGTTAATGT | ACCTGCTTTG |
| 126401 | TCAGCTTAAT | ACATACCTTA | TTTTCTCCC | TCACGGCTCT | TTTGTTTTAA |
| 126451 | TATTTCAACT | TCACACTAGC | TGGCTATCCC | TGTACTCCTT | GCAGCCCAGG |
| 126501 | TTTGGAACAT | TAACGATAT | GAGTCTTAGT | GGCTAGTTGT | TGCCTGCAAA |
| 126551 | ATTTTCCTAA | AGAAAAAGTC | CACTCCTGGA | AGCACGTGTC | AATTCTCCTT |
| 126601 | CCTGTCAGAG | GCAACAAAAA | CTATTAATAT | AACCCCAGG | CTGGAGTCTA |
| 126651 | TTGGCTCTGA | CCTAACTATT | TAGGTTCAAG | CTAGACATAA | TCCTGCAGTA |
| 126701 | AATAGTGGAT | AATAACTAGT | AAAAGGAATA | GGCTGGCACG | GAAGTCAAGT |
| 126751 | ATTCCAACTA | CAACTGTTAG | AATAATACTA | CATTGGCTAG | GCACGGTGGC |
| 126801 | TCATGCCTGT | AATCCAGCA | CTTTGGGAGG | CCGAGGCGGT | GGATCACCTG |
| 126851 | ATTTTCAGGAG | TTTGAGACCA | GCCTGGCCAA | CATGGTAAAA | CCCCATCTCT |
| 126901 | TCTAAAAATA | GAAAAATTAG | CTGGACATGG | TGGCAGGCGC | CTGTAATCCC |
| 126951 | AGCTACCCGG | GAGGCTGAGG | CAGGAGAATC | ACTTGAACCC | GGGAGGCAGA |
| 127001 | GGTTGCAGTG | AGCTGAGATC | ATGCTATTGT | ATTCCAGCCT | GGGTGACAAG |
| 127051 | GGCAAACTC | TGTTTGAAAA | AACAAAACAA | ACAAAACAAA | AAGAAAAACA |
| 127101 | ACAACAATAA | TACTACATTA | CTCTATATGT | GTGGTTCATA | AGATGTTTAG |
| 127151 | CTCACATTTT | CAAATCATCT | TTATTTTTTA | AATTAATAA | TTTTTTATCG |
| 127201 | AAATAAACAT | GTCAGAATTA | AAAATCTACC | CTCAAGCATA | CCATTATGCT |
| 127251 | TATATATACT | ACCTTTCAGT | TTTGAAGTAC | TTTCAGTTAT | CAATATATTT |
| 127301 | AATTTTATGG | CTAGTAACTA | AACTAGCCTG | AGCAATTTTA | TGTAATTCTT |
| 127351 | CATAATCAAG | TGTAAACATA | AGCCTCATTT | TTTATCTTTC | TTAATGCTAA |
| 127401 | AATAAATTTT | TAGGTATTCA | GTACAGTTTG | GGATCAAAAT | ACTATTAATT |
| 127451 | TTGGCCATAG | GTACAAGCCA | CGAGACATGT | CCTCTGTCCA | TCAGATATTT |
| 127501 | TGTGGCTCAA | ACAGCAGTTT | TCTTAACACT | TCTTTGTCTC | AGAATTTGCC |
| 127551 | TTCCCAGTTG | AGATGCTCTC | TCTTTCTGTC | TCAACTGGTG | AAATAAAGAA |
| 127601 | TCTACATCCC | TGTTGTCTCT | TGCAGTAAAT | ACGTCGCTCTA | TGCTGCTTTT |
| 127651 | TTCCAATCAT | AAGAAATTGT | CAGGAGCCTG | AGACCAGCCT | GGCCAACAGA |
| 127701 | CCAGCCTGGG | GAAGCCCCGT | CTCTACTAAA | AATGCAAAAA | TTAGCTGGGT |
| 127751 | GTGGTGGTGG | GTGCCGTGTA | TCTCAGCTAC | TTGGGAGCCT | GAGGCAGGAG |
| 127801 | AATCATTTAA | ACCCAGGGAT | TCATCCTGAA | TCAGTTATTT | GAAGTCTGTA |
| 127851 | CACATCTTTT | CCTCTACATG | ACTAAAAACG | AGAGTGATTA | CAGCCAGGTA |
| 127901 | GCTACAACCT | CCAAAACAGC | ATCCAATTGG | CATTTTACAA | TCAAATGTAA |
| 127951 | ACACTTTTTC | CCTTTACTTT | AAATGAAGTA | AGAAGAACTT | TTCTTCTGCC |
| 128001 | TAGCAAAGCT | CAGTGAAGT | CTCTGACAAG | TGGCTTGGA | AGTGAAAGCT |
| 128051 | GAAATTGGCT | TCTATGCTTT | TTAAATGGTC | ATCTAAATGA | TACGTGTTGA |
| 128101 | AAACTGACAG | CAAGTAAGTT | GCTAAAATAA | CAGTATTAAA | GTATTCATAT |
| 128151 | ACTAAAAAGG | ACACTATAGA | TATTTTAGAA | AGTGACATT | AACCTATTTT |
| 128201 | AAGAACATTT | TGAGACCGAA | TTGTTTCATT | AATCTGTCAT | CTCCTTTTGT |
| 128251 | TTTAAATCA | CTCTGAGAGC | TGTCTGTTTC | AAACTCTCAT | TATTTTAAGC |
| 128301 | CATTCTGAGT | TTAGACGAAT | AACTGTATCT | GAACCATTT | CCCCTCTTAT |
| 128351 | GCAGCAGAAA | GTCAGCTATT | TATTCATGAA | AAACTAGAAG | AGAAAGTGGA |
| 128401 | AGGGGTTTCA | GAGTAGGACT | CTTGAGAGC | ACTCTGCCAG | TGCCAGAGAA |
| 128451 | CAACTTTTAT | GAGTTAGGTA | GAGATGGACT | TTGGAGCTGG | TGATAAAGTA |
| 128501 | AAACAGGAGA | CATTTTCACA | AAGAGAACCA | ACAGGTGTGC | TCAGAACTGC |
| 128551 | AGAGAAAAAA | AAAACGTGCA | TCACAGGGGC | AATTTTCTGT | GATTCTCAA |
| 128601 | AATCTGCTTT | TGTTCAAGCT | ACATTAAACT | TCTTCACTTT | GTTTTTCAAT |
| 128651 | TCTAAAGATG | CCAAGAATTC | ACTGGCTAAA | AATATGAGAG | GAAAAACCAT |
| 128701 | GCTACATTTT | AAAATTTAGT | CACTTTAAGT | GCCGTGTAAA | GAGTCTTGTA |
| 128751 | CTTGAGGGCA | AAGCACACTT | TGATCAAAGC | ACTTGGGTCC | TGTTGTGAAG |
| 128801 | CTTTGAAGAG | AAAATGCAAC | ATCCTAAGCG | CATAACAATG | AAAAAGGGAA |
| 128851 | AAAGACAGAT | GGGAAGAGAA | GACCAAGAAA | CTGCTCTCCT | TTTGTCTATT |
| 128901 | TCTCCCTCTT | TATCCTTTCA | TATCTATTGC | CCTTAGCATT | TTTTTTGTTT |
| 128951 | GTTTTGTCTG | TTTGGGCCCC | TCCCTTTTTC | CTTTTTTTCC | CTGCCCTTCT |
| 129001 | GAAGGTAATA | GCTATTATAA | ACCTGCTTCA | CTGTAGGAAC | TGAGGCTTCT |
| 129051 | GCTGCATTCT | CCTCTTTTTA | GAGGAACAAG | AAAACGTTTA | CTGTGTGAAG |
| 129101 | CATTGAGAA | TTACTCTGGT | TGTCAACTTC | TAAGTTGAGA | GCATATTTTA |

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129151 CCCTTTCCAA CTTTGTAGTT ATGTTAACTG CTAAAGAGTA ACATGACTTG
129201 TGGGCATTAG GAAAACGTCC TCCAAGGTTG AACGGGCACA CAATAGCTCA
129251 AAGTTATTCT TATAATGAAA AAAATAAGAA CTAAATTTCC TTTGAAATCT
129301 ATTACTGAAA ATGCAGGATG AAGATGGAGG TGGGGTACTA CTTGCGATTT
129351 TTGTTGAGCA ACGCACGTTG CAGAAGTCTT TCAAAATGTAT AACCTGTTTC
129401 CCAAAGGACC AGCCATTTCT CCCATTTATA TTTTATCAAG GTGTGCTGG
129451 TCAGAGACTG TTTTCAAGTG CCTTCCTGGC AAAGCCAGAG ACTAATAGAT
129501 TAATGGTGGT AATAGCAGCC TCAGTGAAAG AGTTCTAAAA ATACAGTACC
129551 TTTCAAAATC TCTGCTGATA CAAAGGCCGG ATGATAACAT CTAGATTATT
129601 GCTCTAGGAA TATTTTCAGC CCAGAGGGCA TGCCTGAAT AAAACAGGGG
129651 CAAGACTATT ATGTAATCTA CATTTCCCCT TAATAACTCT GGCCCCCTGGC
129701 CTTGTGGTTT TCACATATCG TTTCAAAGAC TTTCTATTA TTTTAGACA
129751 AATATTTTTT CAGACACATG GAAATGTATT ATAGAAAGTA TAATGGTAAT
129801 TTTAAACATC TTATAGGTTA AGTTTTTTTT TCTGTGGTTG TGGAGTTGAA
129851 GTGACATTGA AGAGGATCAT GATATGAATC CAAAGCAAAA TTGCAAAATG
129901 GCGGTTTGTA GGCCATAACA CATCTGTTCT GCTTGAAGT TAATATATTA
129951 GAAGAATTTG AGTCAACTTT TAAAATCTAT AAATTTCCCA TTA AAAAGTC
130001 AGGGTGCCCA GCTTCTCCTG AAAACTTGGA AGATCTGGT GCACTAAGTC
130051 TATATTTCAGA AACAGCAAAA ATCAACCAAA GCTAAGTAGC AGCAGCTGCT
130101 AGCAGGCAGC TCTGGCCAAT GTTCCCTGGA ATCCTTGATA CTTATTGCAT
130151 CCTTACGCAG TCCTTGTTGT ATATACCTAC TGCTCCTCCA CTGCATTCAT
130201 GCATACAAC TCCCCGAAG GCTTTTGAGT CTGTGATCCT CATTCCAACC
130251 AAACACTAAA ATTAGAATGT GTCTTCTCCT AAATATTAAT AGACAATAGT
130301 GCTAACTTGC TTGCACTTTC TGAGTGTGTG TGTAACACA GGTTCCTGAT
130351 GACTCATTGT GCAATTCCTG TGCACAGTGT ACTCAGCTTC TCCGCAGGGC
130401 CAGTGCCAAA GGACAAACAA TAAATAGGCT TGGGTCAAT GCAGATCAAT
130451 GGAAACAAAA ATAGAAGTTC TAAAAAAAT TCTAAAAATA AGCTTATCTA
130501 ATTTTATTAT ACATGCATGT TTTGTAGTTT ACAGCTTAGC ATTGTTTTGT
130551 TTCAAATTGT TATGGCATT CACCATTC TTTTAGTGCT TCAGGGTCTA
130601 TAAAAGATTT GTCTGGCTAA TTCTGAGCAA CTGGCTTCA AAGCCCCTCT
130651 TGAGTCTTGG AGATAATTTT GGGTGTCAGA TTTATTTTAT ACGATATGGA
130701 GCAAAGCTAT TTTAACATCT GACCATCTCT GCTCACATTA TTGGCAAGTC
130751 TTTGGCTGTC ACCCTGGAAA ACTAATTAC TTCCACTTGT TCTTTTCTTT
130801 TTTCTTATCT GTCTTGTTTG ATGCTCATTC ATGTGCAGAA GGGTGGGTTT
130851 CTTCAATAT CTACTCTCAT CCTTCAACA TCTACTGTTA AACTACCAAG
130901 CTGTATATCT TCATAATTTT AGTGACAATA TACAATTTTA AGGACATGGT
130951 ACATACTGGG CAGTCTGCAA GGGTACAGAT TATAAGTTTG ACAAATATTC
131001 AGGGAGGAAA GGTATTTCTA AAGGTTAATG AAGATAAAGA GTTCTTAGGG
131051 AGGGCTTGAG TAGAGCATTT GCAGAGGCAA TGATGGCTAA CAAGTCAGGA
131101 GAAAGGAATT CTGAACACAG TAAGAAAAAC AAAGGCTTAA AGATAGAGTT
131151 TGCTTGGGT TATTGGGAAA AGTATAAACA GATCTGTTTG GTTGGAGTAA
131201 AATTTTACAA AAGAAGAGAG GGACAGAATG TAGTGGACCT TGAATTCCAA
131251 GTTTAGAAGT TCAAAGTTTA TTCTACATAG ATAAGAAATA GCTACAGAAG
131301 ACTCAGACCA CCATCTTATG TGAGCAATTA AGAATTTCTG CCTTATGAAA
131351 CCACTGTTAT AGATGATCAC CCATCTTATT TTTCACTTAT TTTAGGGGAA
131401 GGAAAACGTG TAATGCCCAC TGGATTGAGA AGTTTGTTT CCAGGGTTTT
131451 GCTCAATCAT CAAAAATAAG GAATGAGCTT CTGGATCTAG AGATTCTCAG
131501 CACTTCACTG TCACATTATT GTTCTATACT TTCTTAAGCT AATACTTGTA
131551 TCATGCCTAC TCTGAGCTAA ACAGTTTAA ATACTTTGTC TTAAATTTCA
131601 GTTTTAAATC ACTCTTGAAT TATCTTTTTT CTCCAGGACT AAAATGAAT
131651 TTATTTAATT ATCACGATAA ACCTAGGAGA TAGGTACTAA TACCGTCTCT
131701 ATTTTGCGA TGATAAAAT AAAGCATATT TGGAACTTA GGCATAGTA
131751 GGGTTACAAC AACTTTTTTA TGATGAGCTT CAGCATGCTA CTGCCCCACT
131801 TCTCTCCATC ATAAAGTCTA ACCTTGATTC TTTCACTTGT ATAATTCCTT
131851 AAATAGTAGC ACTAACAAGA TAAGAGCAAT CATCTATTGA GTGCCTACCT
131901 TGACTTCTC TACTATGTGT TGGTACCAGT ATTAGGTGAT TCCAAAGATA
131951 TATCAATTT TTCTACATCA TAGCTGTGTC ATCTGGTATT CTGCAACTCT
132001 GATTTTCCCC GTCTCTATGA CATCCACAGT GTTCTTCTC TAGTCTTCT
132051 CCAGGATGAC AGGGTGTGTA TGTAAATGTT ATTCTTTTAC AGATGCACAT
132101 TATATATTTG TCATCAAAT CTCACTACTT GTAACCATT TACTTATCTC
132151 TAGTGGTTCT CTTTGGCACT CTATTGAACA ATGATTCCAA TCTTTAATCC
132201 TCCCAGAAGC CCTCGTTTCA CCCCTAAATC CTTTCACTTA GAAATGGCC
132251 TTAGAGAAGA TGAGCTTCCT GAGCTTCACT CTTCTCACAG TAAAAAATTC

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| | | | | | |
|--------|-------------|------------|-------------|------------|------------|
| 132301 | TCACCTATCT | CTCTCCCTCC | TTTGATCCTG | TATTAAGA | TGAGGTGTTT |
| 132351 | CCCTAGAGAG | GAACTAATT | GCTCTACTTA | TACCTCTAGG | CCTGTGTCCC |
| 132401 | TCAATACTTT | CGGGACTTTG | ATCTTCAATG | CTTTCATTTT | TAAAAATTCT |
| 132451 | TTTTTCTTTC | TCTAGTCCCT | ACCTCATATT | CCCTGGCCTA | CAAATAAAC |
| 132501 | CACCTTAGCT | TTACTAAACC | AAGACTTTCT | CTGGGCCCTA | ACAATAATCT |
| 132551 | AGCTGTGTCT | TCAAGTCTTT | CATTCCTTTG | TCTTAAGGAC | TCCCATCCTG |
| 132601 | ACCTTGTCAA | TATTTTGTAT | GTTTATTTGA | CAATATATTG | TTGAGGGCCT |
| 132651 | ACTATATGCT | AAGAACTATT | CCATGGCCTG | GAAAATTCAC | AGTAAACAAA |
| 132701 | ATAAAATTCT | TTGTCACTAT | GGGTATTACA | TTGTAGAAGG | GAGATAAATT |
| 132751 | TATTAATAAA | ATAAGAACAT | ATTTTACTGT | GGAAATTAAG | AGAGCCACCA |
| 132801 | AGAAAAATAG | GGTAGGCAAG | AGAAATGGGA | AGTAGATGGG | GAGGTTATAA |
| 132851 | TTTTAAGAAG | ATCAGAGAGG | GAGGAATCAC | TGAGAAGGAA | ATATTTGAAT |
| 132901 | AAAGTTTAGA | TGAAAATGAG | GAAGCAGACT | TCATGGATAT | CTGGGAAGAA |
| 132951 | AAGAAAGCAA | GTGCAGAGGC | ACTGGGACTG | AAGAGTATCT | GCTTATTCTA |
| 133001 | GAAACCACCA | GGAGGTCAGT | CTGGCCAGAA | CTGATCAAAT | GGGGTAAACG |
| 133051 | TAGTAGTAGG | TGATGTCAGA | TGTGTCCAGT | GATGTCTCTT | TTTCACTTCT |
| 133101 | ACTGTATCCT | TCCCTACCTT | GCATTTTTTG | AGGATATTAA | TACTTCTTTA |
| 133151 | TATCAGAGCT | ATTTATATAC | ATTTCCCTACA | TCCTTATTTG | AATTCATCT |
| 133201 | TCCTTACAGT | AGTATTAATC | TTCTTACAG | TAGTATTTAT | TCACTCACAG |
| 133251 | ACACCACCTT | TGTTCTTTTG | ATACAATAGA | TGTGCTTGAT | CAATATTTCT |
| 133301 | TTAACATAAT | TAAATTATAC | AAATGATGAC | ATTAAAAATG | AAGCATTTCT |
| 133351 | TTCAAAGCAT | ATTTAAATTT | ATTTTAGTTA | ATTTTTTTCA | GATACAGCTG |
| 133401 | AGTGCTAGCT | ACATAGTTTA | TGACAGAAAC | TATCTAGTTC | GTATCCTCCA |
| 133451 | GTTGTAAATA | GAATGATATC | TATTAGTCAA | TTTGGCCATT | ACCAACTGAT |
| 133501 | ATCAATGCTT | TCTATCTTAA | AGGTTAATGA | TCCTAGTTCT | TTTTACCTTT |
| 133551 | TATTAATAAT | TATGAATTCT | GTTTGCTCTT | TCAAATCTAA | AGAAGTGTCA |
| 133601 | GATATTCCTG | AATTAACCTC | AAATTTATAG | CTAAGATTTT | TTTAAAAAAC |
| 133651 | TAAACAAAAA | TGGAATCAAT | TAGATGCTTT | ATAGTTACAC | CAATTTGTGT |
| 133701 | TGTCTTTCTT | TACTTTCCAA | ATCCACAGAG | AATAAATGAT | GTTCTTTGAA |
| 133751 | TGTAATAATCT | CTTGAGGCAA | AAAAATGGAC | TGTCACAAGA | TGTGTTAATA |
| 133801 | AGTTGTGTTT | TTGGGCTTGA | GTGAATGCAT | ATTCTAGTGT | GCTGTTAAAG |
| 133851 | AACACCATGA | AACCGGAGAT | AGCCCTTGGC | TTTCAGAAAT | AGAAAGCTCC |
| 133901 | CCGCTCCAAT | TGTACTCATT | AAAGTTCTCA | GTTACACACG | TTGTAATAAA |
| 133951 | TAAAGTATTG | TTTTAAATGA | CCAGACCAAC | CTCTAACTGT | AGTTATTGCC |
| 134001 | TTTTTAAGTA | TGAGAGGCAA | TTTTAACATT | ATTATTTTCT | ATGTGGACAA |
| 134051 | GCATTATGCC | AAGCCTCTTC | CCTCCTACAG | GCAGTGTCAT | TTCAGAGGTG |
| 134101 | GTGCCATGAC | TGCCCTGTGG | GTGAAGGCAA | TTAGAGGCAA | ACAATTTATC |
| 134151 | AAGAGCTCTG | TAAGCTTCTG | AAATAAAAAA | CATGTTACAG | AAGCACCAGT |
| 134201 | TAGTATTTTT | TGGTGGAGTT | TGAACATCTT | TGATTATGTC | AAATGGTAGG |
| 134251 | GTATTAAGAG | TAAAAACATT | GTTTACTCT | TATCTGAGCT | CCTGACTGGG |
| 134301 | CTCTGCCATT | TGCTAACTAT | GACCTTGTGG | GGTTACCTAA | TGACTGTGAC |
| 134351 | CATCAGTCTT | CTCATCTGTA | AAATAGGGAA | AATAAGGGCC | CTCTTATAGA |
| 134401 | GTTGTTATGA | GATTGTAATA | AAGCACATAA | AGTACATAGT | GGGAAGTATA |
| 134451 | TGGAACCTGT | TCAAATCATC | ATTATCAATA | ACAACACCAC | CATCATTCAT |
| 134501 | ATCATAAGCA | TGATCATTGA | CTTACTAAAG | TCATTTTAT | GGAGATTATA |
| 134551 | GATTTTCTCC | AGTTTTTTAC | TATTGGAAAA | ATTATCAGTT | TCTTAAGGTT |
| 134601 | TCTGTAGGTT | AAAAGGGGGA | ACTTTAAGTA | AGTCTCCAAG | GTTTACTAGG |
| 134651 | TTGGCTAAGA | CATCCAAACT | GCAACGAAGC | ACCACGGTCT | CCAGCACAGC |
| 134701 | TCCCTTAGTC | CTCCTGTCTT | TGTGTAATGG | AGCACAAAAG | ATTGTACATT |
| 134751 | TAGCAGAGCA | CTCTGCTGTG | ACTTGAAAGT | GTACCTCTGT | GGGCATGCAC |
| 134801 | AGCAGAAGCT | CATCTGAAAC | ATCAGGAAC | TTGAAATGTG | AAGTCTGACT |
| 134851 | TTTAAATCAA | GTACATTTGT | GTAGAATGTG | TTTTCTTTCT | GATATTCTAA |
| 134901 | TTTTATTGAA | TCATGAATAC | TCCGGCTGGG | AGCATGAGCT | GACAGTTGAT |
| 134951 | TTAGGGTGTT | TTCACTTAAT | TTTTAAGTCA | TTTTTTTGGT | CTTTTCCAAA |
| 135001 | TTGGTTCCCA | AAATTCATTG | ATGAGAAAAA | TATTTTGCTG | ACTTCATTAC |
| 135051 | CAAGTACCAA | CTTTCTGCTG | GATCCTCTCA | GCAAGGATTT | AGATGGGTAA |
| 135101 | AGGCTATCTG | AACTACATG | AAATCTGACA | CTGCTTGAGT | TGGGTCTTGC |
| 135151 | CAGTCATTCA | TAAATAGAA | TAGTCCATTT | TATCAGCTCA | AAGATAATAA |
| 135201 | TAAGTATCAT | TATTGGACAA | ATCCATGAAG | ACCAGCTTAA | CACATTGCA |
| 135251 | TAATTTATAC | TGTAATGAAT | TTACATCAGA | GGAGACACAA | AATACCTATA |
| 135301 | TGTAGACATA | ACTAACAAAT | GAGAAATAAG | GCAAATGACT | TGAATCTACC |
| 135351 | TCACAATTTT | AGTGCCTTTA | AAAGACAAAT | GTTATATAAT | GTTATAGTCT |
| 135401 | TTTCATAAAC | TCAGGATTTA | GAAATTGTAT | CTGAGTAGGA | CCCTAGCAAT |

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135451 AATAAAATTG CCATTACACC TTACAGTTGC ACAAGGTTGC TACTTTTTTAA
135501 ATACTTTAAA ATATACCATT CCATACCTGC TTTCACGTGA ACAGATAGTA
135551 TCTCTAGTTT CTAGATTAAG AAATAAAACT AAAGAATGTT CTTATGGTTC
135601 CAATAAAACC CCATGACAGA ATATGCAATG TGGTCTACAG GTAAATTCTA
135651 TACATTATAT ATCATTTTTA ACTATCAGAT TAATTTGATG TAAGTTTCCA
135701 AGTTGTTATG AAATATATTG CATCCGTTTT TCTTTTATAG TATGACAATG
135751 ATTTCCACAT AGCTGAAGTT TGTAATAAAT GTAAGATAAT AGACATGAAT
135801 TATGATTTAC AAAAATGTGC CCAATTCATA ATGACAACGA TCACTAAAAG
135851 TGCTAAAAAA CTTAATTCAT TTCTTTTAAG TTTTACCCAT CTTAATTTTA
135901 TCAAAGCACA GATTTTCAAA AATATGAGAC TCTTGAAATT CCCCTGAATT
135951 TCTTCTTCCT TATCTCAAAC TACTTCCGAT TAAGAAGGCA GGGAAAAAAC
136001 ATTCATGTAG GTTCTGTATG TCTTTGCATA CACTGCCTGA CCATATAGCC
136051 ATTTTGCCTT CAATCACTAG ATATGCCAAG TGGAGGTCAT GGTTTTGGAG
136101 ACAGATGGCT AACCAATCAGG CTCAAAGCAG CAGGGAACCT GGAAAAGGAG
136151 ATGGAAAGAA ATTGGCTTTC CCATTGCCCA GTAGGGTTCT TTTTGTATTG
136201 TATCTTCTGA AGCTGGAAAG AGAAATTCTA GCTGGATAAA GCTGTGGATT
136251 TTTGAACCAC ATATTTAAAA ATAATAGCTC TTCAAAAAGA CAAAAGTTTC
136301 TGAATTTTAG CACTTAGTTT CACCTTGAAC CAAAGCATAA AACTCATAAA
136351 ACAGATGCTG TAATTTCTAT ACAATCAAAT GTTGTGTTTC AAGTCAGTTT
136401 AAATCATCGG GAAGAAAAAA TAATGTTTAT AATGTCTTTT CCTAAGATTT
136451 CAATAATTGA ATTGCTTCTC TAATTGACTT TGTGTGTGTT GTTGTGAAC
136501 ATATTAAAGT AAGAATAATG ATTTGCCATT ATTTTGCACC TTTTAATTTT
136551 TTAATCTATC AACATTGGCC CACTCTGGAA CAGGTACATT TCTCTGGGGG
136601 AACTAAAACA TAGGAAATAT TATGTGATTT ACTCAAGGTC AAATATAATT
136651 TCAGTGGCTG GGGAGGCATA ACAGAATATC TAAACATAT TTCTACTCTG
136701 GGAAATATTA CCCAATCTCA TATGAAAAGT TCACATATAG TTATTTGCTA
136751 ATATTATAGT TTTCACGTGA ACCCTTTAAA ATGTGTAGCA GAAATCACAG
136801 TATTACTATA AACAAACCTC TTGTACCTTT ATTTTATATG TTAGTAAAAA
136851 AAAGTTTAT ATTGTTCTTC TGTCTGCTCT TTTCCAAGAA ACTCAAATAT
136901 AATTTTGAAG CAGTTGGCAG GTGGATTGCT TGATCAAAGC ATCTTCTGTT
136951 TCTGCCATTT TGTGAGATC ATATATTGTG TCTCAGAAGT GCTAGAAGAT
137001 CTAGCTGTAT TGTCAGTATT TCAGATGGCT TCTGTTATTC TCCTAGTACT
137051 GTGATGACTA TGGTATAGGG GATGCCCCGC TAGAAAAAGT CAATGTTAGT
137101 TCTCAGTTGA ATGTGTGAAGT AGTTAAATTT TAAGTTTAT GCTTCTGTAT
137151 TTTTAAATCA GTTTTAAAT TCCTTCCCCC TTTAAAGAGA TTAGCTATCA
137201 AGTAGACATC TTATACAATG TTTAACATTC TCCGTGTTTA AGCACATGTG
137251 TCATTTGAAA TTGGTTTCTT ACTGTAATGC AAACATTTAT GAAATAATAG
137301 ACATTTTATA CATTCATCAA ACCATTTCTT GTTCTAACAT TTTTATTTTC
137351 TGCTGGTTTT ATTATCTAAA GTATACATTC TTAATCCTT GAAGTCATGG
137401 ACTCTATCCC TTTGAGGAAA TAAATTTAAA AGTTAAGAGT TGAGACATGA
137451 GTGTTATTAT ACCCTGTTAT ACCATTAAAC CTAGAGTTGA ATTTGAACCC
137501 GGGGTCTAGT TTTTATGGGT CATTAAAGTAT TTGACCTTAG ATATATTGCT
137551 TAAGCTCACT GTAATTTAGG TGTCTCAAAT ACAAAGTAGA GATAATAATG
137601 GTAGGCCCTT CATGGGTTTT TTGGGGCATC TAATTAGGTA TTGCCATTATG
137651 TGTGGCATAT CTATTATTAA CTATTATGAT TTATCTCAA ATACTATACT
137701 TATTTAAATA TTAAAACTAC TCATTCTTTT AAATGTGTAT CACATTGAGC
137751 ATTAAAAATA AATCGTTTAT TCAACCCTGG TGATAATCCA GGTCTTTGCG
137801 GCCTTCCTGA ACTACTGCAG GCTCTTTACA CTCTTTACAC AAGCATTTAT
137851 TGTGTTCTTA CCAAGATCTA GTGCACTTGG GGAGCCCTAT ATTTCAAAG
137901 ATAAATCAAA CACTGTTTCT AAGGAAACAT TCAGCCTAAT TAGGAAGAAA
137951 GAAAATATTC AGAGATTTAT AATTCCTATG ACCAGAGAGG ATGAAGAAAG
138001 TTTACCTGGA AGAGGTAAAG TTCAAGTGAG AGTTGAGAGG ACAAATAGAA
138051 ACTCACTTGA TAAAATCAAG AGTTAGGAGA AGGATCCCCA AGAACAAAGA
138101 TCAGCTTTTA TTAAGGACCA GAGTGCTAAG AGAGAAAGGA GAATTAGAGA
138151 CGCACTGCTT TAAATGTATG AATAATAATT TAACTGTGAA TTTGACTTCT
138201 TTTTCTTAAA ATATTGGAAC ACATGTCTTA AATTCCTTCC TATCACGTCT
138251 ACAGTGCACAT ATTTGACAGA CAATATATCA TGGGATAATT GTTGCAATTA
138301 TTTTATAGATA ATTTTAAAGC AATTTAAGTA AATGATGAGT AATAACATTT
138351 GAGACACAGT AATTCATTG ACTGTATTAA AGTGATAACG CATTATATTG
138401 AAGGTGAGAA CCAGTAGTCT CTACCTTATG ATATATCTTT TATTGACAG
138451 AACATATTGA TATCATACAA CTTATTTTAC TACTGTGGTT TATCTGTGCA
138501 TAATATGGTG TAATAGCCTC AGATTTTCAA TACTGTAACA GAAAGGAGGG
138551 AGCTACCAAA TAGAGATCTA GCTTTGTCTG ATTTCTAAAG AGAATATTGT

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138601 TCTTATCACT ATCAGTAACA ATGATAATAC TATACTGAAC ATTTTTTATC
138651 ATTCTTGCTG ATTATTATTT CTCATTGTTC TTGCTTFACT TTAAAAGGAC
138701 CGAATATTTT GAAAAAATTT TTTTCTCCAT GCATTTCCCT CTAGAAAATT
138751 GAAATTGACT GAACTATATA ATGCTGATGA GCACCTGAGC ACCAACATAG
138801 AAAGTTTTTT TTCTTTTTTT TTTTGGAGAT GGCCTCTCAC TCTGTCACCC
138851 AGGCTGGAGT ATAGTGGCGT GATCTTGGCT CACTGCAACC TCCGCCTCCC
138901 AAGTTCATGC AATTTTCTCG CCTCAACCTC CCAAGTAGCT GGGACTACAG
138951 GCATGTACCA CCATGCCCTG CTAATTTTTG TATTTTTAGT AGAGATGGGG
139001 TTTCACCATG CTGACCAGGT TGGTCTCAA CTCTTGACTT TGTGATCAGC
139051 CCACCTTGGC CTCCCGAAGT GCTGGGATGA CAGGCGTGAG CCACTGTGCC
139101 CAGCCCAACA TAGAATTTGT AATTTGCTCT TAAATGTTTA TAAAGTTAAA
139151 CTCTAACCTT TAAGCCTCAT TTTAACTGT CTAGTGACTG ACTTTTAGAA
139201 GTATTTTAAG GTCTTAAAG ATTACAATT TGAATACAAT GTGTTATATG
139251 CCCCACTGCT CCCCCAATAG CCATTTCTGT CATATCTGTT CCCTTCTGTC
139301 AACTTCATTA TTTTGTACA CTTGGAAC TG AAAATAGTAA GTAAAATTAT
139351 TTTCAAAGGA GAGAAATACT ATATAAATGG ATTTGAACTG AGATAAATTT
139401 TTGACAGTGT CTGTAAGTGT GTAATGAGGG CTTCTAAGAT AGAAAATAGA
139451 TTATGATTTT ATATATATTT ATACATATAT ACATATATTT GCTAAATATG
139501 ATAATCTCTT AGGTAACCTG TCAATGATGC ATGATTAGCA AACTTTTTAT
139551 TATGCATGTT TCACAGTAAA AATATTTTAC ACTGGATAAA CTATAAATGA
139601 AAAATAACCA CAGAAATGAG AGTATCTTAA TTATTTATAT CTGACAATAT
139651 TGAAAATAGC TTTATTTTTT TTGTTCCCAG TGACTTCTTT GGAATCATT
139701 TATTTGACAG TGTCTTAGT AACAATTCAT TGACTGTACT ATAATAGTTC
139751 TGAAGGGGCC AGGGATGCAA TGTGATTGTC CTTCTTATA AACAGCATCT
139801 GATTATGTGA AAAACTGTCT GTTTCGTTAG TTATGAAACC AGTGCCCTGG
139851 CATATAGGGC AAACACAAGA ATAATCCAT CTCTAAAGAA CAATCCCCAA
139901 GCCTTAAAGA GAGCAACCAA TATTTAACTA TTTTAATAAG CCAAAACTCT
139951 GATTTTTTAA GACACCAAAA CAGATTTGTT GTATCATGTT CATCCAGGGG
140001 AAAAGAAATC TAAATGAATG AGCAACAATC TTCCAATTTG TTTAAAGCTT
140051 TTGACAGACT CAAAAAGAA ACAGATTCTT AAATGTTAAG GAAAAAAGT
140101 AGAGCAACAG TTTTAAACC TCTGACACAA TCACTAAGAA ACAGATTCTG
140151 TTAGCTTCAA AGAAGTTGGA AATGATCTTT ATTTTTCAAA TATGCTGACA
140201 GTCATGAAGT AATGGATTTT TTTAAAGAA GAGAATCCTT GCAAACATTT
140251 ACATTTTTTT TCATGTAGAA TTCTTGATTG GTTGTCTAGT AGAGCAACGA
140301 ATGGCAGTCT CATCATATTT AAGTCAGCCC CTTTCTCTTT CCCATACGTA
140351 CCAAAAAGAT ACATTTCAA TCATGATCTT TACAGGGTGG AAACTTTCCC
140401 ACTGAAAGGA AAGCAGAGAA GCTGGCCCAA GCGGATCTCT CTGACTTTCC
140451 AGTCACGAGG TCAGTCAGCT TGCAGCATGA ACAGGGATTG AGAATAGCAT
140501 CTCGTGGTTC CACAGCAAAA TCATAAATGG ATGAAAAGTG CTTGCTTTTG
140551 GTCTTTTCTT ACAGTGGTAC TCAGAATGTC TCTTCTCGTC TCCTCCCTTT
140601 GTCTGGGGCT CTGGGGGGTT ATGTGCCCCC TCATGCCTAG TAGCCTCAAC
140651 TTTTGACACA TTTCTTATGT CCTGAATGCC TTTATTTATT AATGAGGAGC
140701 ACTCAAAGTT TTCCTGAAAA GGAAAGGAAA TACACGAAGA TTTGTCAAGT
140751 TTGTGTTTCT TTCCATTGCT TCTGGAATCG TGCTACAGAG GTCGATGCCA
140801 ACTTGAAATT CTGGTCATAG TCAGAAGGTA TCGTAGCTGT TTTTAATGAA
140851 AAAAAAAGTA ATTTTCTCT TTTCTTCATT TCCTAGGTCA CGTTTCTAG
140901 GTGCTATTTG CTTTCTTTTA TTTCCCATC ACTTATTTAT TTCAGAAAAC
140951 AAAGAGTGGA GGGAGAGGGA GGGCATTATC TTAAAGATGT AGAACTTAAT
141001 GGTCTTTTCC ATGATGTTCA AAGGGTGGCC TCCCATTTTC TTTAGAACAT
141051 TATGAGAAAG AAAGTGTGTT CACCAGGAAC AGGAAAAGCT GTCCTTTAAG
141101 TTATTAGAGG TGATTATTGA TGATCCATTT GTCAGTTAGC ATTTACTAAG
141151 TTAAAAGCAA ATAAAAGACA TGCTATCAAC TTTCAAGCTT ATCACAAGG
141201 TAACAAATTT GTAAAAATAT AAATATTGA CAAGAAGCTC AATATGAAGT
141251 AAAGAACCCA TTAAGTGCACA TTCTGCACAT GCAACCCAGA ACTTAAAGCA
141301 TAACAACAAA AAAGAACACA TTAAGTGAAG GTGTAGGTTA TAGAGTACTG
141351 TACACTTATC CAGTACATTT CTAAGTATAT TTTTGGATTA AAATAAATTT
141401 ATTGGGGAAT GAGGATGTAA TGAAGTTTAA AACTGCAAGT ACACATAATG
141451 AAATACTATT CAGCCATTAA AAAAGGAAAT CCTGTCACCT GTGCTAACAT
141501 AGATGAACCT CGGTGAAATA AGACAAGCAC AGAAAGACAA
141551 ATACCATGTG ATCTCACTTA TATGTGGTGG TTACCAGGGA TTGCAGTTGG
141601 AATAATTGGG GAAATGTTGT TCAAAGGATA CAGAATTTCA GTTACATAAG
141651 AGGAATAAGT TCAAGAGATC TACTGTACAA CATGGTGACT GGAGTTCATA
141701 ACAATGTATT GTATCCTTGA AAAGTGTAA CAGAATAGAT TTTAAGTTTT

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141751 TCACCACAAA AAATGATAAG CATGTGAGGT AATGCATATG TTAATTGTCT
141801 CAATTTAGCC ATTTATAATA TGTATACATA TTTCAAATAA CATATACATG
141851 ATAAAGATAT ATAATTTTTA TTTGTCAATT TAATAAAACT GCAAATATGC
141901 CTGACCAAAG AAAATATTTT CCCACATAGT AACTATTTCA GAATTAAATC
141951 TACTCTGCCA CAAAACATAA ACTTGAGAAA ATAATAACAG GTAAATGAGA
142001 GTAATTATAA CATAGGGGGT ATTTTAAATG CACTAAATAT TTTAAGTGCA
142051 TTTTCTCATT TATCTCCATG GTAGTCCCAT GATGTTTATC TTATGGTCTC
142101 CATTTTACAG ATGAAGAAAT TGAGGCTCAT TGAGGAGAAC TGAAGAGATA
142151 AAGTAATTTT TCCTCTAAGT AAATGTAGAA CCTAGAAATG AATTACAGGT
142201 CTGTTTGATG TGAAGCGGTG CTCTTTCTAA TATCCAATTC TTTGAGTTTT
142251 GCTCAAACAC AGTTGATTCT TAGAGGTCTC TAATTTGTAG CTATTATAAA
142301 AGGAATGGAA ATTTTATGTG AAATACAAAC CTTTTTTTAA AATGGCATAT
142351 TAATAAGCCT GAAAAAACT CATGCAATGG AAGTTAAAAA AAAAAAATA
142401 AAGACGGCGA TTAAAGTTAT CCTACAAAAC AAAAAAATA TACATTTACT
142451 GACCCAGAGA AAAGAGTCAC AGGCAGAGGA ATGATTAAAA GGGAAATTTA
142501 GTGCTTATAA GTTGTCTATG ATTTCAATAC ACAATCATAT ATGCTAGGGT
142551 ACATAACATT TCTAGACAGA GGCATTAATT TAACAGGATA AAACACTTTC
142601 TCATTGATAT CGGTAGTATT TCATTATAT GTATAAAATC TTATCTTCTT
142651 GCAAAAATTA AATGTTTTAT GGATTTGAAG TTA AAAACAG GAGAATAGCA
142701 GACTCAAGGT TGAGGAGAAG TAATTAGAGA AAAGATGAAC TAGAGTCTAT
142751 GAAATTTAGT TTCTCTGTAT CAACTATGTG AATGTTGAAT CCAATTTGTA
142801 TCGCTCTGTA AACTATGAGA GTAGTGGGGC AGCATTAATT TTAGGAATAG
142851 CAAAATCTCA CACTCAAAC ATTGGAAGTC CAATTTGGGA AATTAAATAT
142901 TCTTATTGTT TTCAGAAAT GAGGCAAATA ACATGCAGTT TTTTTTCTT
142951 TTAGATAGAA AGGCAGAAAT AAGGAATTAA AACTATAGGA GGAATTAAGA
143001 TGAGGCAACC GAGGTAAACA GAAGCTAGTT GTCCACTCCT TAAGTCACTT
143051 TAGCAATAAT CTGATTGTTA TTATTATTAT TATTTTGAA TATTAATAAA
143101 TAAAGCACTG ACACAGAAAA TCATGCAAAA CAAATGTTTA GCATTATGAA
143151 TTGTTATAAG ACAGACATTC TTCTATCTCT ACCTAGGTTG AGAAGCATGG
143201 GCTATCACTT GCCCCAGAAG CCCTTTCCAT GCCCTCTGCC AGTCTCAATC
143251 CCTTCTTCC CTCTCTTTC CTGCCACAA AATAACAATT ACCCTGACTT
143301 TAATATTATC AATTAGAATT TCTTTTGGGA GTTCTCATCC CATTTTGTAT
143351 ACTTAGACAC CATAGTTTAT TTAGCCTTGC CCATCTTTA TCAATTTACA
143401 ATGTGTTTAA AATTATTTCA ATCTACAGGT TGACCCTCGA TCCCTTATTT
143451 TTCTTATAGT TGATTGGCAC AAGTACTCAG GGCTTTTGAC CTGTAGAGTT
143501 CCCAGTGTGC ATTTTGCTGA TTGCACACTT TTGGTACAAT GCAACATGAT
143551 TCTCTGACT CTGTGTTTCC TGCAAGGTGG CAGATGGATT CAGACTGGAT
143601 CAAACTCAGT TCCACCCCTC TGGCAAAATT ATGGGTGGTG GTGTATTCTT
143651 TTCTCAGGAG GGATATAATA TTACATTACC TCTCTTTTGT GATGTTAACA
143701 TTCTATTGTA AGCTCAAACT AGACCTATAC ATTTATTGGT GGTTACAAAC
143751 TTCTAGTATT TATTTTTTAT TTATTAATGG AAATAGTTTT ATAAAGAGAC
143801 CCCCTCCATC AGTTTATACA GAAATATTAA ATAAATGAAA ATAATAATA
143851 GAAAATATTT GATTTCTTTC CATTTATTTA CCAGTTTTC AATAAAATG
143901 ATTTCTGTG ATCATCCAAA GACCAGTTAG AGTTTAAAG TATAATTATG
143951 AGTTCATAAA TTTAAACATA TTTGGAAGGT TTCAATCAGT GCAATTATTA
144001 TTCTCATTGA AGCTCAAATA GTCCCGCTTT TGGCAGAGGA AGCATTTTAA
144051 CTTTGGTTCC TGAGTGCTTT TTCATACGAT TTGACCAGTT CTGCTAGCT
144101 TCTTCAATAA CTGATATGAT AAGATTACTT AGACTCATTT ATGTTGACCT
144151 TGCTCTAAAC CTAGAATCAA TCTTTTTTTT TTTAAGAAGA CCTAGGATCT
144201 TTTTATGGAA AAGGCCACAG TTCAAGTGCA AGAGATGTTT ATGCTAGTG
144251 CAGTGGTCTT TGTCTCTAGA CTCTTCAAT AGACAGCATT AGGAACCTACA
144301 TCTGTAAAAA TAAAATACCT CATGTATTTC TACCAATTC ATATCAGGAC
144351 TCCAGGAATT ACTATGGTCA TTATTGAAGC TCTTCTTTAT TTTCCACAGC
144401 AAAAAATTCT AGTTTCGAAG GACTCGGGAT GATAGAATTA CAGTAACCTG
144451 AAATTATTTA TTTTATACCA CATTACACAA GTAATAGATG CAGAATAGCA
144501 ATACTACTTA TCCTATTTCC AACATAATTA CTAAAAACAT TCATAAAATA
144551 TTTTTCGATA GTAAATCTCC AGTTCTATCC GCCATTTACA TTTTATAAT
144601 GTAGATAAAT AATACTATAT CTACATTATC TAAGTACTTG GATGTCTGAT
144651 TTCTCCTTTT ACTGTCACTA AGCCTTAGTT TTACAAGTAA GCAAAGCCTT
144701 AGTTTACAA GTAAGTTTAA TGATCACCTT ATCACTTATT TCTACACCTT
144751 CGTTAGTCAT TTAACCTATC TGAAGCTCCT TGCCTGGTAG ATTCCTTAGG
144801 AAAAGCTTAT GCAAACAATA TTTCTTTATT TGAAAGTGGT CTTTCTGAGT
144851 TTTTAGGAAT AGTTAGGGTT CAGGATTTCT TTTCTAACTA CATGCAGCTT

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144901 CTTTTTTGTT GTTTTCTTGA AGTGATCCAA AATATAAGGT GGTTTGCTTT
 144951 CCAAGATTTC ATGTAGTTGT TCCTTTACCC CACTTTTATA TGGACATTCT
 145001 CTCTCCTTCA TCTCTGTTGT CAATATCCAG TTGGATTGA CTCTCCTTCA
 145051 ATAAATTTCC CCTGGTGTGG GGTCCCGGCA TGTCAGTTTC AAGAGCTACA
 145101 GGGCCTAAAC CGCTGCTGCC CCTTCTGCTT TGAAGATATA TCTGGCTTGG
 145151 ATCTCTTGCT CCACCTACCA TTATACCAGG CAAAACCATC CCCAGATTAA
 145201 ACTGCTATTC TCAAGCTGAC TTTTGTGCAG TTCAGTGAAA ACTTCTAGAA
 145251 CATTTTGGGA TTCTCAGGGT CATCAGATGC CCAGTGACTT TCCTCAGCAC
 145301 AGAGACTCAA ATATCCATGG GCCTATGGCT GGCAGTGGTT TGTGCTTATA
 145351 ATCTTGCATT TTGGAGTTCA CAGAAATATC TTGTCACCCA GCTTTGTTGC
 145401 AAATGTTGTC TATGGGTTTT TGGTTTTGCT ATCCTGTAA TCTGCCCATC
 145451 TTGATGTTGG GATTTGGGCA AATTTGAAAA CTATGTGCTG CTGCAACCAT
 145501 CACCACCTTC CCTAAATCCA ATAACCTGGT ACTATTGAGT AGAGACATAA
 145551 AAATATTCTG GTTAACAGCA TATAGAAAAT TAATATACTT AACATAGATA
 145601 ACCCAACCGA TACGTTTCCA ACTTGCTTCC TTAGGAAAAT CATGATACTT
 145651 TACTCCTTAA AATATCATTG GTATCCAAAA ACCACTGCAA AATAAGAATA
 145701 GCTAGATTTA GTAAAAATCT TCTCCACTAA TTGAGAAAAT AATGACTTTA
 145751 AAAAGTACAG GTTCTAGGC CTGGTGCAGT GGCTCACGCC TGCAATCCCA
 145801 GCACCTTCTC ACACCTGTAA TCACAGCAGG TTGGGAGGCC GAGGCGGGTG
 145851 GATCATTATG TCAGGAGTTT AAGATCAGCC TGGCCAATAT GGTGAAACCC
 145901 CATCTCTACT AAAAGTACAA AAATTAGCTG GCATGGTGGC AGATGCCTGT
 145951 GGTCCCAGCT ACTCGGGAGG CTGAGACAGG AGAATCGCTT GAACCCAGAA
 146001 GGCAGAGGTT TCAGTGACCC GAGATCACGC CACTGCACTC CAGCCTGGCC
 146051 AACAGAGCGA GACTCCGTCT AAAAAAAAAA AAAAAACAA GTTTGTTTTA
 146101 ACTCTAAGCT AGCTGGAAGT TGTATTTTCT GCAATCTTCT GGCTGTGAGG
 146151 AGTGCTTCCC TACCTCCTCT TAGTAGTTT GCCAAAGGTT TTCTCTTATT
 146201 CCTGGAAGGA GCATGAACCT ATGAGATAAC CTCTGATTAT GAATCCTCAC
 146251 TCCCAGAGAA TGTGACATCA GATTTCTGAG TGAGGGGCTT AAAGAATCAT
 146301 AAGAGCCCAG ATTCTCATG TGAGGATCAC ACACACACAC ACACACACAC
 146351 ACACACTCTT TCACACATAC CCACACGCAC CAGCTGGTTC TCTGAGTGTT
 146401 TAATATTGCA AAGATCTATG AATGCCCCCT GCCTGTCTGC CAGAGTAAAA
 146451 TAGAACTATT TAAAGCTGAG CTGTTAGGGT AGAGGAGAAC AGTCTGAGTT
 146501 CGGAGTTAAA GTTTTAATGA TCTATTACAG ATATCTTTCT CAATGGCATT
 146551 GGATGCCTTT TTTTCTAGTA GTTGTAAGAG CCCAACCTCC AAATAACAGA
 146601 AGGATGTTCA TTATTTCCCA TGTCTGAAG CATGGGTGAG AGTTCTTTAT
 146651 AATACTTATG CTATGTAAAT TACTGAATGA TAAGAGATT AAAACTGGTG
 146701 GTTAATTATA GTTCTTCAGG AATGTTTTCA GAATGAGAAT ACATATCATT
 146751 AAAATATGTA GATACTTGTT AATAGCTATA TTTATACTGG TATAATACCT
 146801 TTCTCTAAGG GACTTTGAAA ACACATCTC ATCAATCTTC ACAGGCTTTT
 146851 TTCATTAATT TATTAAATCA CTGTACCATT TAAATTTAAC AACAATAGAA
 146901 TACTGTTTCT TCTATCCATA ATATATTAAT TGACTCTTTA TTAATCTGTA
 146951 ATCTCCTCTG AGATAGAGGC CAGTCTTCCT TTTTCTCTAT ATTTGTTAAC
 147001 ATGAGGAAAG TTTTCATATT GTGTTACCT TACATTGACA CATTTTTCAG
 147051 AGATTTGGAA ATTATCCTCA TTCTTTTCAG TCATTAAGAA ATACATACCA
 147101 TCTTATTTTA TAAGGTTTGA CCACATGTT CAGAGCTCCT GCCTCTTGGC
 147151 CACTTTTCTT CCAAGAGAA ATATTGCCAG AACCTCCTGA GACATCCAGC
 147201 CATCAGTGGT TTCTCTCTTC CTTAACTATT CTGATTTGCA ACTGGATATA
 147251 TGTGCTAACG TCCTAACTCA TTGCACATTG AAAATAACCT TTCACTCTCC
 147301 TGATGCTGCT TGAACATAGA ATAATTCTTC CACATCACCT TATTTATCTT
 147351 TAATACTTCC CAACTTATGA CATTTTCTGA TATGTGATTA GAGCTGGTCT
 147401 GAAAAAACA CAAATGTCAT GCTGTAGTTG AAAAACTACT AAATTAACT
 147451 TATTCACCAC ACCCACCTG AAAATTTAGC TCATTCTTT CCATTATAAC
 147501 CTCTTATCTT CCAGGCTGTT TCTAGGTATT ACAGATGCAT GTGTGCTGGA
 147551 TGTGATCATT TTTTGTGTG TGGTCAATTT ACTCAAGAAC TGCTTTGTAA
 147601 TGAAGAATCA GAGTTAAGCC AAAGGGCTCA GGGATGTGTT TTTCAATGAG
 147651 CAATTTTAAAC AAGTAAAGAA CCTCTAACAA ATAGTGCATG AAGATAACTA
 147701 TTTAGAGAAT CCCTTTCTCC CAAAACATCT TCTTTTTCCT CCATTTATTC
 147751 AGTATATATA TGTGGACTAC TCAACATTAT TATCTGTGTG GATAAAATCT
 147801 AAATTTTCTT TTTTACAAAT TTACCTTTTT ACAAACTAAG CAAAATAAAT
 147851 GACCATGCAG TTTTCTTTTA TTTACTTTAG TTTTCTTTGT CTTGATTATT
 147901 TAGAAGGTGT ATCTGGAATC CCAGCATTA CTTCTGTGTC TCTCCCTTTA
 147951 CACTCTCTCT TGCTGGATTA CTCTTGGTGT GTTGCTTACC TTATGATGCT
 148001 TACTTTTATT GGATTTTCATT TATTTTGAAG TGGCTTTTAA GATCTCCCAT

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148051 GTGGCCCCAA ATTCTTGAAC ACTAATATTT GTTTTATTTT CCAGTGTTTG
148101 AAAATAAAGC ACAAATATGA ACTTTTCTCA ACCCTTATCA GCTCACCTAA
148151 AGTACTGCTT TTTTCCTGCA TGGTGTGTG CCATCCTATA CTCTAAAATA
148201 TCAATAGAGG AAAAAATCC AATTATCTAC ACTTTTTTCT ACCTACTGGG
148251 TTGTCAGTAG AAAAAATCGG CAGTGAAAGT CTGTTTCTCG CTGTCACACA
148301 GACTTTTCAA ATTTAGTATA CTGTCTTTT ACTGAAGTAC TCACACACTT
148351 TAACTGACAT TCCAGATGCA GAAGTATGTT TGTGTGTGGT GTGTATGAGT
148401 GTGCATGTGT GTATATCAAG AAATTTTATT CAGAGAAGTC TGGTATGGAT
148451 TCTAAGATCC ACAATTCATT GTACTCGTGG TGGGTAGGAG ATCATCCTGG
148501 TGAACATGGT GAAACCCCGT CTCTACTAAA AATACAAAAA GTTAGCCATG
148551 TGTGGTGGCG TGTGCCTATT GTCCTAGCTA CTTGGGAGGC TGAGGCACAA
148601 GAATTGCTTG AACCCAAGAG GTGGATGTTG CAGTGAGCCG AGATCACACT
148651 ACTCACTGCA CTCGACTG GGTACAGAG CCAGACTCTA GCTCCAAAAA
148701 AAAAAAAAC TCAATGTTGT TTGCATCAAC ATTAATTTCC CTTACACAAT
148751 GCCAATGTCA TTGTCTTAAT GATAAATAGA TGCAGGTTAT CATATTTGCA
148801 GAACTAAACA CAGTTGATCA TATGGTACCA ATAGATCAGC AGCAGTAGAA
148851 ATCACAGGAG AAAAATGTAA GCTTTTAAAT TAAGCTATCA AGAGACAATT
148901 ACCAAATCTT AACCTCAGGG ACACTGATGT TTGATGTCTT TCTCAAAGGT
148951 CAGAATTGTT TCACAATCTT TCAATTGATT GATATCATCA TTTAAAAATT
149001 AATTAGTAGT AACAGCAATA TTTGACTTTA AAATGTGACA TAATCTGCCA
149051 AATTATGTGC AAGTAGTCTT GGTGTGCTAT TCAGTTGTGG GGTGTGTTGA
149101 GGAAATGTAG AATCAAGGAA CAGTTTTTAG CCTTATTTCA ATGGAATTTT
149151 AAATTATGCC TCATATACAT GTGGAAAATA TAACCTCTTA GCCTGTTATT
149201 TTCATGAGTA GAGATGATCT AGCCAATCAT AATACTCATG AATTTATAAT
149251 AACAGACTGA CCACAGCTAT AAAATTGTTA TTACAAAAAG TATCTCTTGT
149301 TTTTCCTATA ATTCATCATT TTAAAGAATT TGCTACTATA AAATTTTTCG
149351 TAAGAGAAGT GAGTTAGCAG AAATCACTCT TACCCTACCT GCTGAACAAT
149401 GTCTCTTTGA TCAGTTCTCA AATTGAGTTT ATAGGTAAAA ATTCACTCAA
149451 ACAAAGTCT CCACAGGTTA CAAAAAATTT AGCTATTGAC CTAGAGCAAT
149501 AATAAATGGC ATATAAAGCC TAAAATATAA ATAGGAATGG AGTCCATGAA
149551 GTTAAATCGT AACAGTGGTC CTAGAAAAAT ATATTCAGAA CAATTCAGAG
149601 GAAACCACCA CTCTGCTTTC TCTATGAATT TGGCATATCA ACATGCTTTC
149651 TATTATAGTT AAGGTGTATA GTCATTTAAT CTCAAATGTA ATATTTAGAG
149701 CTATACCTGT TTGGAGAGAT GTCTGTTTAA TATTTAGAGA GCTATCTGAT
149751 TGTTGTTATT GTTGGTTAAT TTAGTAGTCA GTCCCTATCA TTCATGGATG
149801 GAAATAGCCC TACTGAGTAG AGTCTGTGGC CAGGAAGCAG ACAAATTCCT
149851 CCTTATCTTT ATTAACACTG AGTAAGTGGA ACAAAGATA ATTGGAAGT
149901 GCCTGATATT TACCTAATAA GAATGCAGGG ATCTGACCAA GAAATTCAG
149951 CACATGGGAT AGTGCTGAAA ATTATATAAG CAATACACTT CCCCTGTAGA
150001 AATAAAAAAGT AAGCTTTTCT GTGCAAGTTT TCTCTCCCTA AATAAAGGTG
150051 CTGTTAACAT GCCAATTATC TGAGAACATA ATGTTGACCA AATTCTACTG
150101 TATAAGGACA GATATTGCTT CCCTTCCTTC TCTTTGCTCT TGTTGGGTTG
150151 TATAAAGAAA AGTCCCAGGA TGCCAGCAGA AAGCAAAGAT TCTTCAGAGA
150201 GCCATTGCTT GTAAATAAGA TAGTAATGCT TCTCTTACTC ATACTCCTTA
150251 CCTCTTTTAC TCTCCTCAAG TATTTTTTAA TCTAAAAGGC ATATTGAGAT
150301 GTTTATATAT TTCTCTATA AAACAGAATT TCTAGAAATA ATTTAATTGT
150351 AATACTAAATA GTGCATCTGC AATCCCAGAC AAATGAATGA TGGGTAAAC
150401 CAGCATTTCC TTTACTTGAG TCAATATGGC CCTGAAAGGC ACTAAAACT
150451 TTTTTTTAAC TTTTATTTTA AGTTCATGGG TACAAGTGCA GGTGTGTTAC
150501 ATAGGTAAAT TTGTGTCATG GGGGTTTGTG GTACAGATTA TTTCATTACC
150551 TAGGTATTAA GCCTAGTACC CATTAGTTAT TTTTCCTGAT TCTCTTCTC
150601 TTTCCACTTT CCACCCTCTG AAAGTCCAGC GTGTGTTGTT TCCCTCTATG
150651 TGTCCAAGTA TCCTCATCAT TTAGCTCCCA CTTATAAGTG AGAATATGTA
150701 GTATTTGGTT TTCTGTCCCT GTGTCAGTTT GCTAAGGATA ATAGCCTCCA
150751 GCTCCATCTA TGTCCCTGCA AAGAACATGA TCTCATTGTT TTTTATGGT
150801 TGCAATATTAT TCCATGGTGT ATATGTACCA CATTTTCTTT ATCCAGTCTA
150851 TCATTGGTGA GCATTTAAAT TGATTCCCTG TCTTCGCTAT TGTGAATAGT
150901 GCTGCAATGA ACATCATGCA TGTGTCATTA GTATTAATAA TAGAATGATT
150951 TATCTTCCTT TGGGTATATA CCCAGTAATG GGATTGCTAG ATTGAATGGC
151001 ACTTCTGTGA TTTGGGCTTC TCTCTTATTA AGTAGAACCA CTGGAATGTT
151051 AAAAAATATAT TTTCTGCTGG GAAAGCAAAC ATAATGCCTA GAACTAAAC
151101 TCAATATCTA CGATATGCAA AGTTCAGTTA AATCTGTTTA TATTAAACAT
151151 TGAAGAATGT TTAATTTGAT TATTTTATTA AATTAAACAT TAATTAAATA

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151201 AAATGTTTTA TATTAAATG TGAGGCCTAA ATACATTTTC ACAGAAAAAA
151251 ATAAGCAGAT TTAACATAAC CTTGCATATT GTAGTTATTG AGTTATTGTA
151301 GGCATTGTGT TTGCTTTTTC AGCAGAAAAAC ATATTTTTTAA CATTCCTGTG
151351 CTAAGTGAATG AGAGACATCT AAATACCCAT AATAATTAAA TTTGGCTGGG
151401 CAAGGTGGCT CATGCCTGTA ATCCCAGCAC TTTGGGCGGC CGAGGCAGGT
151451 GGATCACCTG AGGTCAAGAG TTTGAAACCA GCCTAGTCAA CATGGTGAAA
151501 CCCCATCTCT ACTAAAAATA CAAAAAATCA GCCAGGCATG GTGGTGGATG
151551 CCTGTAATCC CAGCTACTCA GGAAGCTGAG ACAGGAGAAC TGCTTGAAC
151601 TGGGAGATGT AGGTTGCAGT GAGCCGAGAT CGTGCCTTTG CACTCCAGCC
151651 TGCAACAAGA GTGAAACTCC ATCTCAAATA ATAATAATAA TAATAATAAT
151701 AGTAACTAAA TGTAATACAA TAATGAAATA CTGTCTTCAG CCTTTAGTAT
151751 CATGGGAGTA TAATAATAGA TACTATTTAT TGAAGATGTA TGATGTGCCA
151801 GAAAGTGACT TGGGCAATTG GGAACATTA TTGCCTTTCT ACTTAGATTT
151851 ACAACTCTGT CAGGTAGGGG GAAATAAGTG CCTTTAACAG ATAAGAAAAT
151901 TGAGGCTCAA AAGTTACCCA GCAAATAAGC AACAGAAAAA GGATTCATT
151951 CAGATCATTG TGCCTCCATA TATTGGCTTT TTGCACTGTA GCAGCTTATA
152001 AACTCTGGG AGACAAGACC ATACACCCAC CTGTTAAATG ACAATTAAAC
152051 ACAGCATGTC ATTAAACAGC AGTGCAGACA GCAGAGACCA AAAAAGAAAA
152101 AAAAAAAAAA AGAATGGGGG CAGGAGAGGT TATTCTTAAA GAGATAACAC
152151 AGAACCAGAG AATTATATTA AAAATACCTA TACCACAGTG ATTTTATATG
152201 ATACCTGATT CTAGGAGTCA TTCAGTGGCT TGAATCGAGG ACAAAGTTCA
152251 GTGTGAATTC CAGGTGCAAC TCGAAAGCAG ATTTCAATGT TATGATTTCT
152301 GATTAACTA AAAGAGACTA CTGTGTTTTT ATGTGCCAGC CACATGATTA
152351 CAAATCTGAA CCTTTTTGGG TTCCCTATTT GTTGAGGCTA TGGAACTCT
152401 GTATGCAGTC TTTAGCGCCC AACTGGGAGT GACACAAGAG AATTCTAGGC
152451 ATAGTGATCA ACTACGCAGT TATGGAAATG TGCCAGTAGA ACTTTATGGG
152501 TGAAAAACTG GAATCCATGA ATCTGTGTCC TAAATTTAAA TTTGACAAAA
152551 GGAGGTGAAC ATATGTTTCA GAATAAATAT GACAGGAGAC AGTTTGTGTT
152601 TTTTCTGAG GTAGCTATAT CTACATGTTT CAAATTTCTA ACAGCTAAAG
152651 GATGAGTTGA ACCAGATTAC TTAATAAATC ATAACCTCAT TGGAAACTG
152701 TAAATTGACT AAATGGAGTG TCTTAAATAG AGTTAGCCCT GTATTCTCT
152751 CATGCAATAA AATAGACTGG TTAATCTAC ATGCCTCCTA ATTGCATAAT
152801 GATTTTAAAT TTTATTCTCA AAACCTTAAT ATTGGTCCTA CATATTATAA
152851 ATATCACTA GTAAATTTGC TTTTAAATG TTTTACCGTG CAGTGAAATA
152901 TGCTTTAGTT GAACATTTCT TGATTAAATG CCTGATAACA TTAACCTGCA
152951 TTGTACATAC ACATAGTTTT TATTTACTAG AAAGGCTTGT GAGCCATTTT
153001 ACTTAGAAAC CCATCTTTTG AATGTACTTT TGTTAGACAA AATCAGTCTA
153051 GTGATGTTTG CACAGAAAGA AAAAGCTGAT ATTTAAATTA ATGTACCCTT
153101 AATCTTGACC CATGGCTCAG CTGTCAAAT AGTGGGTCTT TACCAGTGGT
153151 GTGCTAATAA ATATCTAACA AGCAATGTTT TAATGGGCAG GGGGAGTTGT
153201 GATTTGTAGC ATTTGCCAAC TTTCGTGGTG TAAATATTTT CAACATAGCT
153251 GATCTCAAGC TACCAAGGTG ACATCGCTGA ATGTAGAATT GGGAAAAATT
153301 GCATAGTCAC AGGCCATATT TCCTGTTAAA TAATTTTGAC TGTACAGATT
153351 CATAGGCATA CATAACCCAA AGGCATATAT AATAATAAAA TGTGTCCAA
153401 TAATTAGAAA GTAATATTTT TGTATATTTG TTACCTTTTT AGAAAGTATA
153451 ATCTAATTTT AAAGGTACAC AATTTAATTA TTAATAATAG TTATGTTTAG
153501 CCACTGTCTT GCAAAAGTCC TGAAAATTCT TTCTTGAGAG CCAGTGTGAA
153551 CTAGTCTGAA CCACTGTAAG CCAGGTCCAG CAGGCCATTG TTAGTGAGCA
153601 CATTTTCTCC ATGACTACAT GGCAATGCAA ATCGTCAAGG TTGTGAATGT
153651 GAGGGAGTGA GGCGTGAAGA TGGCACCCTG GAGAATATGA CCCGAGGCTG
153701 ACCAAGCAAA ATCAATGTCA AGGCTGAGGG TGTTACCAGC CGTATTTTTC
153751 CTAATGGGAA TTTTATTATC TGAGGAAAGA TAGAGGGACA CTCGCTTTT
153801 GGTGTGTTGC TGCTTATGAT GCCCTTTACA AATCTAGAGA GGAATCCTG
153851 GGGACTGTTA GCAGCCACAA CTCCTCTTTG ACAGAAATAC TTTCTTCTAA
153901 AAATAACCTT GTCCCACTA GAACATGGGC TTTACTGGGG ATCTGGAGTA
153951 TTCAGACGAA CAGAAAATTG TTCATCTTCA ATGAAGCAGT TGTTGAAACT
154001 TCATGTGCAG CAGCTCACAT GCCTGGCAGA CTGATGACCC TCAAGAACTT
154051 TTTTGACCTT GGTAGGTTTG TCTGTGAAAC TGGTTCAGGC CTAAGAGGCA
154101 CAGGCACATT TATAAAGGA AAGAATATAG AAGAATATAC ACAATTACAG
154151 AAAGGATTAG GGAACATTTT CGAAGGAGAC AAGTAGAGAT CCACAGTTCT
154201 CTTAAGGCAT GCAACTTTAT TCAGATATTT AGATGAACCC CTGCCAGACT
154251 CTCTCTAAAG GCTGAACTAA TTTGCATATT TTGTAGACAA ACATTTGTAA
154301 AACATGATCC ACATTGTCTC ACTGGGTAAC CCTTATGACC AAACCATGAC

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154351 AAACATCTAT ACCATTACTT GCCAAGTTTG GTAATGTTAT CTCTGATAAT
154401 AAATAGAATA TGGTTTGCAC TGGCTAGTCT TGGCTGATAA AATTACTTTT
154451 ATTTGTTTGG GAAATTAGCA AAAACTCAGG ATTGGAAACG AATTGGTACA
154501 TTCATTCTCT TGCTTGGCCG AGAAGTTAAC TGCTTTGGAT ATTTGATTTG
154551 CTTTGTTTTG TTTTAAACAT CCAGCTAAAA ATGAAAGCAA ACATGTTTTT
154601 TAATTGGGCG TTTTGAATTG GGAGATTGCT GTTAATGAAT TAGAGCTTAA
154651 CTCCTCAGCT ATAAAAGAGA ACTATATAGG ATGACAGCAA AATACTTAGG
154701 AGAAACGTTT TATACCTTTC AGATGGTAAT GCCATTGCCC CACCATACAC
154751 TAAACTTTTC TTAATAGCTG ATGAATACAC TTCCCACTT TATTTCTCAA
154801 TCCCCTTGAC CTGGGTGAC TTATTCATT AAACTATCT TATGGTCCGG
154851 ACAGTAATAT TAGAGAATAA CTGTTTCTCG TTTTAGGGTG AGATATCTAT
154901 TTTATTGTTT TGTCTTCTTT GTTCTCTCTT TCCTGACTGA GTAACAATCA
154951 ATCATTATTA AGGTTTAGGT AAATGAGTT TTTTCATGTC CTGTTTAATT
155001 TACTTTTCTC TGATTTTAG TTGTGTATCT TTCTTTCTGT TCTGTAGGCC
155051 AGGACCTGAC ACATTTCTTC CTGAATGACT ACCATAGCTT CTCAGATGTA
155101 TCCCTAACTT CCCACTCTGA CTTTTTTTTT TTCTAATACA TCTGAAATAT
155151 TCCTCACACC AGGCACCTCC ATCACTGCTG TAAACGTAA TATATCCATT
155201 CACTTGTGTG TTCCTTTGCT TCAGTTTCA GAACTCTACC AAATCTCCCA
155251 GCACCACCTC AGGTATACTA AGATTATTTG GAATGGGATT TCATCATAGA
155301 GCCATTGCCA ATAATCCAAG TGTTTCCTTC CGAGCATGTG TAACAAGTCA
155351 TCCTCTTGCT AGACAATFCA TCGCTAGAAT ATATTCAGTC GGGATTTTAT
155401 TGGATATTAC CTTGTACTAT ACCAATGTTT TAATTGTACA GGTATCTCT
155451 TAAGTATAAT GCTAAGTTCC CAGAACGTAT GGTCTAAAAA TATCTTTTTT
155501 TTTATTATAC TTTAAGTTCA GGGATACATG TCCAGAACGT GCAGGTCTTT
155551 TACATAGGTA TACATGTGCC ATGGTGGTTT GCTGCACCCA TCAACCTGTT
155601 ATCTACGTTA GGTATTTCTC CTAATGCTAT CCCTCCCTA GTTCCCGAGC
155651 CCCCAACAGG CCCCAGTGTG TGATGTTCCC TTCCCTGTGT CCATGTGTTT
155701 TCATTGTTCA ACTCCACTT ATGAGTGAGA ATATGTGGCG TTTGGTTTTT
155751 TGTTCTGTGT TAGTTTGTCT AGAATGATGG TTTCCACCTT TATCCATGTC
155801 CCCGCAAAGG ACATGAATC ATCCTTTTTT ATGGCTCATA GTATTCCATG
155851 GTATATATAT GCCGCATTTT CTTTATCCAG TCTATCACTG ATGGGCGTTT
155901 GGGTTGGCTC CAAGTCTTTG CCATTGTGAA CAGTGCTGCA GTTAACATAC
155951 GTGTGCATGT GTCTTTATAG TAGAATGATT TATAATCCTC TGGGGATATA
156001 CCCAGTAATG GGATTGCTGG GTCAAATGGT ATTTCTGGTT CTAGATCCTT
156051 GAGGAATCAC CCCACTGTCT TCCACAATGG TTGAACATAA TTACTCTCC
156101 ACCAACAGTG TAAAAGCATT CCTATTTCTC AACATCCTCT CCAGCATCTG
156151 TTGTTTCCTG ACTTTTTAAT GATCACCATT CTAACGGCA TGAGATGGCA
156201 TCTCATTGTG GTTTTGATTG GCATTTCTCT AATGACCAGT GATGATGAGC
156251 TTTTTTTCAT GTTTGTTGGC CACATAAATG TCTTCTTTTG AGAAGTGTCT
156301 GTTCATACCC TTGGCCACAC TTTTGATGGG GTTGTGTTT TTTTCTTGT
156351 AAATTTGTTT AAGTTCTTTC TAGATTCTGG ATATTAGCCC TTTGTCAGAT
156401 GGGTAGATTG CAAAAATTTT CTCCCTTTCC GTAGGTTGCC TGTTCACTCT
156451 GATGATAGTT TGTTTGCTA TACAGAAGGT CTTTAGTTTA ATTAGATGTC
156501 ATTCGTCAAT TTTGGCTTTT GTTGCCATTG CTTTGTATGC TTTAGTCATG
156551 AAGACTTTGC CCATGCCTGT ATCTTGAATG GTATTGCCTA TGTTTTCTTC
156601 TAGGGTTTTT ATGGTTTTAG GTCTTAAGTT TAAGTGTTTA ATCCATCTTG
156651 AGTTAATTTT TGTATAAGGG GTAAGGAAAG GGGTCCAGTT ACAGTTTTCT
156701 GCATATGGCT AGCCAGTTTT CTCAACACCA TTTATTAAAT AGGGAATCCT
156751 TTCCCCATTG CTTGTTTTTG TCAGGTTTGT CAAAGATCAG ATGGTTGTAG
156801 ATGTGTGGCA TTATTTCTGA GGCTCTGTT CTGTTCCATT GGTCTATATC
156851 TCTGTTTTGG TACCAGTACC ACGCTGTTTT CGTTACCGTA GCCTTGTAAGT
156901 ACTATAGTTA GAAGTCAGGT AGTGTGATGC CTCCAGATT GTTCTTTTTG
156951 CTTAGGATTG TCTTGCTAT ACAGGCTCTT TTTGTTTCC ATATGAAATT
157001 TAAAGTATTT TTTTCTAAT TTGTGAAGAA AGTCAATGGT AGCTTGATGG
157051 GTATAGCATT GAATTTATAA ATTACTTTGG GCATTCAAAA ATATCTTTTT
157101 ATATTGATTG TATTGTGGAA TAATTTTCCA GGCACCCAAC AAGTACTAAA
157151 AATTAATTGT TGATACCAGA AAATGCTATG ATTGAATTTG AGAAACATGA
157201 TGTCTAAATA AATTTAGACA CACAGGGAAG GTCTTCTAT TTTAGGAAAT
157251 CAGACAGTTT CCTAATGTGA CCCAATGTCT CTTATTAGAA ATGTCTCCAC
157301 TTTCTTTTAC CTTTGTGAAT TCAGATATTC TGGAGTAGTT TCCTTGAAAG
157351 TTTGAGCTGA AAAGTCATCT AATTTCCCTA TCTCAATGCC TTCATTTCAA
157401 AAGTAAGGAA ATTATAGGTG ATTAATCCGA AGCTTATTTT CATCACTAAA
157451 ATACTGTAAC TTTCAAGTAG AAATTTTCT AAATGAGGAA TTTTAACTC

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157501 ATAGATCTAA ATATATTAAG TTAATTTTAA AAATATCTAA ACCCTCTCTG
157551 AATAGGAAAT TCTGTGCTTT GTTACTGAAT AAGAGATGTA CATTTAAGAA
157601 ACTGGATATT CTGATTTGCT ACACAAAGAG GGATATAAAT CTCTATCTAC
157651 TTAAATATAA TGTGTCTCTA AGCAAATAAA TAGACATCAT CACCTTCTCA
157701 TGCCCTGCAA TAAAGAGTTC TGGTTCATTT AGCAGTAAAA GCATTTCGTG
157751 ATTATACTTT TTGCTACAAT GCTTGAAATT TTTACTCTTG CTTCAGCACT
157801 TCCTTAATCA ATATCATCTT CTCTACCTAT TTTTGATCCA TACCCCTCGG
157851 AAGAAGAAAT AAAAAAATTA GACTATCCTA TATTAAGCAA GCCAAATTCA
157901 GTGCCAGAAC ACTATAAAAA GTCTTTCTTG AGTTCAGTTG TATTGATTGA
157951 GAAATCATTT ATTGTCTGGG TTTTCTCTGG ACCAACATTT AGGAAATTAT
158001 GGTTCCTCCAT GGTATATAT AAATGTTGTG ATATTGACCA TTACAAATAC
158051 AGATAGGTCT CTTTGTACAT TTTTAACTT AGTTTCAAGG TCTATACTTT
158101 ACAATTTGCT ATTTTCTCTT TGATTACAAC AGCGATTACT GTGTATTAA
158151 AATTTAAATT ACAGAAAGCA TAAAGAAAGT AAAATCATGT ATAATCCAAC
158201 TACACAGAAT AACCATGGAT AACATTTGGT ACGACATTCT TTCGGTATTT
158251 TATGTTATAA TACCTATGTC TTTTGAAAA TAAATAAATG CCACTTTATC
158301 AACCTATAGC TGTTGCCACA AATTCTGAAA TAAGAGTATC TAAACTATGA
158351 CTTTGTGTG TTAGATATGA GTACTATTTT GTTACAAAGT TTCCCAAATT
158401 TTTATAGTCT CTCTCTCTCT CTCTCTCTCT CTGTCTCTGT CTCTCAGGAC
158451 AACTAGACTT ATTAATGAAT CGGTTCTTAC AATTGGTAGA AAGTGGGTGA
158501 TATCAACAGC AAGGCTTTAT GGTCTAACT TTGAGAGACA GATTTACATT
158551 GCTCTTCATA TCACATGTAT GTGTTATCAT TCTGGACTCC CATTTTGGAG
158601 AACAGTACCT GGCACCTATG GACATTCAGA TACATATTTT TTTCAATGAA
158651 TGGATGAATT TTGAATTGGA GGGAAAGGAG GTCTGGCTCT TCCATTCTGG
158701 CTTTCATGAAA TTTCTGTGCA TTGGAGTAGG TACTGCATTG CAAGATCTGA
158751 CACATCATTG AACAGAGTCA ACAATAGCTT TATGACTTTA CCTTTGTGAA
158801 CTAATCGTGA AAATAAATTC ATTTTACCAA TCTCTAAAAG GAGGAAATTA
158851 CTTTGTGAAA AAAACACAGA AAAAATTAAT TTCTGTAGT AGTAGCAAT
158901 GACAAGTGTC AAAGAGTTAA GATTTTCAGA AATTCTTTA TCTCTCATGA
158951 CTTTGTGTTT ATAAGGCACT GTCTTCCAAA TGCATATAGG AAAGTTAAGT
159001 AATAGAAGGA TTCCTTTTAA AGTAAAAAAA AAAAAAAA TCACAGACCC
159051 CAAGTCTTGA CTTGAACCTC CTTTATGTAA TTTAAACACG TATACACTTA
159101 CAACTAGTTG CAAGCTACTG TTATGCTTGT AGCCAACATT TAATTTTAAA
159151 ATCTAAGTTT AAATTGGCTC CAAACAACT ATAAAACCTG TAACATTCCA
159201 ATTAGCAACA TTAATGGGGT GATTTTTTTT GGTCCAAATT CATCCAACAC
159251 GAACAGTATG AATATTATAC TGAAGTCTAA GGCATGAGTT TTTGGGTAGG
159301 GCTGAAGGAG AAGTCTGTAC ATTTTCTAT TTTCTCTTAA ATTGATTTAG
159351 TTATTGAAAT ATACATAGAG AACAGTGCAT AGTTCATAAG CATATGGCTT
159401 TCTGAATTAT CACAGATGAA CACCTCGTGT AATCATCACC AGAACAACAAA
159451 GGAGAATATC ACCATAAGCC CTGACATTTC CTTTGTGCTT CAATTCAATC
159501 ACCACTCTCA TCCTTCTTCC TAAAGGTCAC CCAGGAATAG TTTGTGTGTG
159551 GTATATTTAT ACTACTGCAT TCCGCATCAC TACTTGACAT ACCTGCTTTT
159601 TTTTTTAACT ACAATAAAG CTTTATTTT ACAGCTCTCT ACAGTCCATT
159651 ACTGGAATAC GAATATTTTA CACTTAACTA TCACTTTATT TATTTTATT
159701 TTGCCTCTCT TGTTTAAATA AATTCATTTT CACAAATTA AAATTCCTAG
159751 AAATGAGCAA TAACTTTTCC CATAATCCTA GGCCATAGAG ATAATCACCG
159801 TATAAAAGAC TACTGATGTC TTAATTTTCT TAAGTTTCTT AAAAATTGTT
159851 TTTAATGATT AAATAAAG GATTTTATAT ATACAAAACA ATATATGTGA
159901 TATACATTAG CATGATAACC CTCAGTCATG CTCTACTCTG TAACCTGAAG
159951 CTAAACTGTA CCAATTCCAA AGCCCTATGG GCGTTTTCTT GATCTCATCT
160001 CCTATCTCCC CTCTTTTGA GTATTAGCTC TTTAATTTT ATGGACATTT
160051 TATAAAGTAG AACTAGTAT TACAGTCACT TAAAAGTGAG TAAAGGAAGG
160101 CTTAGAAGAT TTAATAACTG ACACCCGCAC AGCCAATAAG TGAACGAAAC
160151 CCAAGACCCCT GACTCCAGAA TCAGACTTCT AATGATATGT ATTTACATTT
160201 CTATTAGTAT AATGGCAGCT TCCCAATAGA TTATAAGTTC CAGGAGAGTA
160251 GAACACAGAT GTGTCTTGTT CACTGCTGTA ACCCCTAGTT ACTGGAACTG
160301 AGTCTATATC TAATAAATAG ATGAGTAGAT GGACTGGGGC TGATTATTTA
160351 TTTACATATA CATTTTGTAG ACATTCAGCT ATTGCTACGG GAAAAACAAA
160401 AAACATAAAA AGACTTGAGT TTCTCCTGTG TTGTATATGC ACATCACATA
160451 TATCTAACTC CTTTCTTTT TCCACGAGTC CTATTCATC ATTCTTGCCC
160501 AGCAACTGTG TCACCTCTTT CTGCTTTTTC ATGTGACTCG GTTTGTATGT
160551 TGCTCTTCAC CATGTCTTCC CTGCTTCTC TTCCTCTTCA AGACTTTCAG
160601 ACTGCTTTGA CTCAGGTGAA AATATTGTTA GAGGGAGGGT GGCCCACTAC

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160651 ATGATCATAC CCACCCTTCC ACTCTTCTCT GGAATAATC ATGGTACTGT
160701 TCTAGTAAAA ATTGCTTCTT TTTCTGCTTT TGTCCTTCAA AGTGAATCAG
160751 CACAAAAATAT TGAGACTGCA ATGTTAAATA CTGTAAGCCC TTAAATTTGC
160801 AGAACATAAA TTAGTCACAT ATTGCCATTCT TTTATCTAGA AAGATGCCAT
160851 ATTCTTTTATT GATTTAGTTT CTGCAGCAGA TTAAATATG GCGTGTGTTC
160901 CACTTTTATA AACAAAACT TTATTGCCTT AAATTTGTAA ATTCCAAAGA
160951 CATTACAAAC TTTAAATACA TTTTGTAGAA GGTCTTCAA AAGCACATTA
161001 ATTCAAATTC AGAAAGATGT TTCAGAAGGC CAAGTAAAC AGAGAAATGT
161051 GGGGTGTAGA AATAAATTAA GCATAATACA TTAATTAACA CAAAGCTGAA
161101 CCCTGCCTTG TTTTTCACCC TGAAAGATAG ATAATTAATA ACAACACTGT
161151 AAAGCATTTT TCATATGACT CTCAGGTAA TGAATGGATA AGAAATAAGA
161201 TAATGATATA AAGGAAAAC TGAATGTGAA ACTCATAACA AAAAGCAAG
161251 ATGTGCATAC TTTGATGTTG TTATTCTGTA TTTAACTCTA AATTGATCCT
161301 ATATTTTCAA CAACTGCTCA GAGCGTTTCA GTAATTAGCA CATCAGGGAT
161351 GCATTAGTAT AGAATAATAG TCTTAACTTT AGGAGTTTTT AAAGGTTTAA
161401 TAATCCCTCT TCCCAAAAGC ATAACATGCA AATAATTTAA ATTAACAACA
161451 TATATCTCAA TCATCTACCA ATGCACTCTA CTCTATTATT AAATACACAC
161501 AAACATATAA GCCTACTCAT GCGAACCTGA AAATATTAGA ATATTAATAA
161551 TGTGGAACAG TTCTCTGGGA TGACTGAAGA TATGAATACA TGATAGCAAC
161601 CCTTTCTGCT CTAACATATAC AAGCAAGATT GCTGTTCTGA GAAAGTATTT
161651 TCTATCAATC TTATTTAGTG GGGTCTCTTC TATTTCTTAA CATCTCAGGG
161701 ACTTATAATC AATTTTGTCT AAAAGAGTCA CTCTGTTTCT GAAATCTTAC
161751 ATTCCAGGAT AACATGCTGC TCTTCCAGT TTCACACCTG TGACCTGTGA
161801 TTTCAAATTT TGCCCTCAGCA TTAAAGTACA TTTCTGAAAG TTCATGTTGG
161851 AATATAAATC TCCTGGATTTC AAATATCCTG CAAAGGCATT GGTGACAATT
161901 GTGTATATTT GAAACTCTTT GGTCAATTTT AGGTATAAAT ATGTAATCAT
161951 GATCTTTTAT CAATCTCAAG GCAACAGACT TTTCTCACTC TACCTTTGGA
162001 TAAATATCCT ATGTAAGGCA AATATTTTCC CCATTCCCTA AACATGCTCA
162051 GACTTCCCTA GGAAATATG ACCAATCACA AGAATTTTGA AAGAGTTCCT
162101 GGGCTGTGAT CAACAGGAAA TTAGGTCACC TGATTCAAAC ATATGTATCC
162151 AAATCTGTTA ATCATAAGGG TTAAAGAAGT TTCTTACTCT CATGGACTCT
162201 AAAGCAAAAT CCACACAGAA AAAGACCCCA GAATATTCGT TTGAGTTTGA
162251 TATGTTCTCT AATGTTGTCA GTGAAGCCAT AATTCTTAGG GTGCTCTCT
162301 TCTCAGATTA TTCTGAGATT ATTGGTAGAC TTTTATACAG GCCCTTCTGT
162351 CCAATATGTG TGGAGTCACC ATGAGGAGAT TTTTATTAGA CATAGAATAT
162401 TTTTATTGTT GATGAAAATC TTTGATCAGC TATCAGTTGT TCCTTTGGTT
162451 GGATTTTGAG CTCCATCTAG TTCAGGGATA TCATCATTCC TTAGCAATGT
162501 TATCAATGCT TCAAACCTCAA GTCAACTAAA TGTTATGATA AGAGTAGCTA
162551 TCATGTATTG AGCTTGTACA ACATGTCATA TTCTCTCTG GGAATTTTAC
162601 ATATATAGCT TTTTACTCTC ACAAGATAAA TTTTGTAAAG AAAGTGCCAC
162651 ATTAGGAAAA TTCTCAGCCA TCATGTGATC TAGAAATAGG CATCTGTCAA
162701 TATTTTCATAC ATACGCACAC AGACACATAC ACACACGTGT ATGTATGTGT
162751 ACATACATCT ACACATATAT TAATTAAATG ATTACAGTGC TTTTACTTGT
162801 TTTAACTACT GCATATTTTAC AAAGATCCTT TTAATTACAG TGTTTTAATT
162851 TATCCTCAAA ATAACCTGAT AACATCCAA TAGAAAAAAA TGAGCAGGAA
162901 ACCTTAAGCT GGCACCTTTAA AAAGAGACTA TTCAAATGGA CAATAAATGA
162951 ATAGATACTT ACTGGGACAA AGCAAATTA AACCACAAAG TGATAGAAT
163001 ACACATCCAC TGGGATGGCT AAAATACCAA ATATTTGTAA GAATGTGAAG
163051 CAACTAAGAT TCCCACAAAC TACTTGATGT GACTGTAAAT TGATAAACCC
163101 GGGTTGGAAA GATGTTTGAC AGAATCTACT AAGCTAAACA CATTTGTACC
163151 GTATGACTCA GTAAATTTCCA CTGAAATGCA TAATATGTCT GCCAAAAGAA
163201 ACTACAAGAG TGTTTATATA AGCATTATTC ATAATGACCC TGAATTGGAA
163251 ACTACATATG CTCATCTAGA GTACAATAGA TAAACATGTT GTAGTATACT
163301 GTGGAATATT ATATGGCAAT AAGAATGAAC AAACATCAAC TCCATGCAGT
163351 GGCATTGATG GCTCTCTCAA ATGTAATGCT GAATAAAGA AGCCGGCACA
163401 AAAGAGTATC TGAGGGATGG GGTCTTGAAT GAGGTATGAA GGATTTCTCT
163451 TCAGTGTTGA TGGCACTCTG TTTCTTAATT TGGCTGTTGA TAAATAGAT
163501 ATATTCAATT TGTAATAAAT TCACTAGGTT ATGTATGACA ATTGGCTGAC
163551 TCCTCTGTGT GATACACTTT AATAAATGT TTAATAAAT AATGTGATGA
163601 CACTGGCAAA ATGCGTATGA ATCAATGAAC GAATTAATGG CCAACAATA
163651 AAACAAACAT TTTTGAGGTA TATATTTCCA AATCTCTATA TTTTCTGCTA
163701 CTTAATCTGT TCAAAAATTA CTAGCACTAT GGATTTGCTG TGATTGCTGT
163751 CCTTTAAAT AATCATTTTA CATTCAGTTA ATTAATTTGC TTAACAAT

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163801 TACACAAGTT AAGGGATTAT TGATATTAAT CAGCACAAAA TAATAAACTA
 163851 ATTTATTATT ATTTTAACTA ATTTAACTA ATTCCTTAAA AAATCATTTT
 163901 TACATTTAAG CTAAGTAGC AAATTTTTTT CGTAAATGAT ATCCTTGTA
 163951 ACTCATAGAT ATGAGTAATA TTTCCAGGG AAGCATTAAAG CATGCAAAAC
 164001 AAGAAAGTGA GTATGATTCT ATCACAAAT GGACCCCTTAT GTGGTAGTAC
 164051 AGAATAGAGA AAGCTTTTCT GTGAAGTTAC ACTGGGGGAC TTCATTTTTA
 164101 TTTCAAATTT TAAAACCATA ACTGTAGTAA CTATTGGAGC TCTCCAAGGT
 164151 ACTTCTGTTT GCACCATTTA GTTTTGAATT TCTTTAAAAA TTGCCTCAAA
 164201 AGTTCCAGAG GATGTCAACT CTGACAGTTG TGCATCTCCT AGACATTGAA
 164251 ATAGAAATG AAAGTGCTT GTTTGCTAGG GAAGGTTCAA TTGGTTCTTT
 164301 CTATTTTGTC CCTTTTCAGA TACTGTTTTA ATGCAACTGT GTCAATGGAA
 164351 GTAGAGGAAT TGGAAATGTTT GGTATTTCTC TTGATTGGTT CCCTAAGTTC
 164401 TGAATCCCAA ATGCTAAAAA GTTTATAATT ATTCAGAAA CAAATAAGAA
 164451 CATGAACAT ACCTGTTTTC CCATAACGTT GCTATCTGTT TAAACCCAAC
 164501 AGAAATTTGG AGGTGCCGTC AATGAGATTT ACCAAGAGAT TACTTCATAA
 164551 CTTTCATTGT TATCTTTAAA ACCTTAACAA ACTTTTTTAT ATACTAACAT
 164601 GCTTTCCTGT AAGTGAAGCA GAGCCTTAGA GGTAAATCTA CCTGGCTGCA
 164651 TGGAAAGTAG CCTTTTAGCA GAATCACTAT TACAATGTAT TCAAGCAAAC
 164701 ACTGTGCTG CTTTTAGGCA TTCAAGTTAA TTTAAATTTT GAAGAGGAGG
 164751 TCTTTAGGAA AGGACATGAG AGTTAAATAC AGGAAGGTT AGCACTGCCT
 164801 TCTTATCAAA CCATCTCTGT CCCAGATAGC ATATTTCTAA TTTTGAAATG
 164851 CTATTACCTA TGTATTTAAT ATAGTAATTG AATTCCAGCA GTAAACAGAC
 164901 ATATACTTC CTAGAATCTT AAATTATTTG TATACACTAT TAATTCTAAT
 164951 ATTTTGCATG CCACCTTCAT GATTTTGGCC ATACAAAATT TTGCTTATTT
 165001 TTTGAATTTT AGTAAATATA TTAACATGTA TAAATAGTA TTTTCATATG
 165051 TAAATTACAG AAAATACGCA AGTATCCACT ACTCAGCTTA AGTAGTCCTC
 165101 CCTACCTGAT GTACTTCTGT GTTTATAATA ATTCTCATTT TTTAAAAAGT
 165151 AATAAGATAT CAGTAAACCA TATGGTTACA TTTGAATGGC TTTGAATTAC
 165201 ATATCAGTGG TAATATATTG CATCTTACTT TGTACCTGCA TATTTTTCAC
 165251 TCAAATGACT GCTCTAAGAT TTACCTTGTA TTGATGTGTG TATCAATAGT
 165301 GTATTCATTT TTATTCCTAA GTGAAATACC TTTGTATGGA TACACTACAA
 165351 TTTATCCAAT ATTCTTTAAT ATACATTTAT TGTTCCTAGT TTTCTTTTGT
 165401 CTGTTCCAAA CAATCCTGTA GGCTTTAATT TTACTAAGTA ATTCAAAATT
 165451 ATTTTCCCAA GTAATTGTAT CAATTTATTT TCTTCAGGAG TCCATGGGCT
 165501 TCCTTTAAAT CCACATATTA TCAATGCTTG ATGCTGTTTG GCTTCTTAAT
 165551 TTTGGATCTA CTTAATGAAT ATAAAATGCT AACACATTTG AGCTCTGATT
 165601 TGCATTTTAC TTCCTAATAA TTGTGCTGAT CATCTCTTAG TATTTTAGTG
 165651 TATCATATAT AATATATCAT TTGTTTGTGT TGTTTTGTGT TTTCCATCCA
 165701 TCAGTAGAAG CAGAACATAA TATATCTTGT TCTATAAAAT ATCTGCTCGT
 165751 TTTTCTTATT TTATTAGGCT GTTTATTGTA GTCTTAATTA TTTGTAGTT
 165801 ATTTGCTATA AATACCTTTT TCCAATTTGT AGTTTGTGAT TATAAATTTT
 165851 TTGAGTTGTG TTTTGATGAA TAAAAGGTGT GTATTATAAG AATCATATTG
 165901 ATCAATACTT TCTTTCATGA TTAATGCTTT TGAAGCTTTC ATTAATAAAT
 165951 CTTTCTTAT TGCAAGGTCA TAAAGATATT TTCCAAATTA TCTTCTAAAA
 166001 CTTTACAGT TTGCCTTTCA TGTGTGATCT TTAATCTACC TAGAATTGAT
 166051 TTTTCAGTGT GCTTTGAAGT ATATATAGAT GTTTTCTGTA GTAAAATGGT
 166101 CTGCTTTTTT ATGCACTGAT CTGCTGTGCC TTTTCTGTTC TATAGCCATT
 166151 TTTCTTATGT ATGGAAATGT TTCTGTAATT TCTGTTTTGT TGAATTGCTC
 166201 TACTTGTTTA TGTCTCTGCT ATATCATCTC TTTTAATTAT TATAGCCTTG
 166251 ACATGAATAT TGATATCTCT TGGATAGATC CCCTAAATTT ATTCTTTTTT
 166301 AAAATCAGTG TTCAAGTCAT TCATAGGCTT TTTCAATTTCT ATAAAAAACT
 166351 AAGAATAAGC TTTTAAATTT CACAAAGAAC ACTTGTTAGG GTTTTATTGT
 166401 ACTTACATGG ATCTGTGGTT CAATTTAGGA AGAAGTAGCA TAATGAAGAT
 166451 ATTGACTTTT TCTATTCAGG AATGTGGATA TTGTTCCATT TACTCAGATC
 166501 TTCTTAAATG CCTTTCATTA AAATTTAAAA TCTTTTCCCG TAAAAGTTTC
 166551 ACACGTCTCT TATTAGATTA TACTTAATTA CTCAATAATT CTGCTACTAT
 166601 CATTTTGTCT TCATTCTCTA ACACCTTTTAT CTCTAGTATA TATAAATGTG
 166651 ATTGAATTTT ATATTAATAT GTACTCAGCA AAGATACTAA ACTCTTATTA
 166701 ATTCTAAAAA TTTATCTTTC CACCTTCCTT GTATATAAAT GTGTCATCTG
 166751 CAAATCTTTC TTTTCAATT CATGTTCAAT TTTCTTTTAC CTTACTGTGT
 166801 AGGCTAGATT ATATTTACTA GCAATGATGA TTGTGGACAT TTTTCTTGT
 166851 TTCCAATCTT TAAGATAAAA TTTATATTTT ATCACTAAAA AATTGTAAAG
 166901 TACTTATGTA AGTATGTTTT GTTGTTTTGG TTTGTTATTT TGGCAGATAG

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166951 CATTAAAGGAA TTTTCTTCAT TTTCTAATTT GCTAATTTCC TTTGTAAAAA
167001 AATATAAGTA GATGTTAAGT TGTAATGATT TTTAGCTCTA TTGAAGATTA
167051 TCACAAGGTT TTGCTGCTTT AATTTGTTTT GCTGCAGTAA CCAAAAATCC
167101 AATGTCTTGT TGGCTTCCAA CAAAAACACT CATTTATTCC TCATGTTACA
167151 GGATTGTTGT ATGTCAAATA TATATGGATT GAGCTCCAAA TTTCTCCCCT
167201 TTCCAGGGGC CATACTGAAT GAGCAACCCC TAAC TGGGAC ATTGTATTCC
167251 CATGGCAGAA AGCAAAAGTG CAAGGGAGAA AACC AAATCA TGCAATTGGG
167301 CATGGTGT TT TCTATTTCTT CACATTCTAT CAGCCAAAGT AAATCACGTA
167351 GCCAAATCCC AGACCCTGGG ATTAAGAAGC ATGACAGGGT AGGGAAAGAA
167401 TAAATTACTG TGACTAGATA ATACAATCTG ATATGTGGTG GATTCTACTA
167451 ATTGATTTCT TAATGTCAAA ATAACATTTT TGGGATTAAC CTGACTGATA
167501 ATGTTGTTTC GTCCTTTTCA TACATTGCTA GATATGATTT GCTATATTTT
167551 ACATAAAACC ATTTGCTATA TTTTATATAA AACCATATAT CCATGAGTGA
167601 TACTGATCTC TATTTTTTCT TTCTACTACT GCCCTTCTCT CCTTTTGGCA
167651 TCAGTACAAT TGTAAGTCTAG AAAAAATAAA TATTTATATA ATCCTTTTGT
167701 AGAATACTCT GATAGAAATTT GCAAATATTG CAAATATCAG CTATTTTAAA
167751 GTTTGGTAGA ATTGTAAACA TTCTTGGTTG CATGTGGAAC TATTATAAAG
167801 TATTGATACA ACCTTTTAAT TATTATCGTC TTTTCCTCCA TTTATTCTTA
167851 AATCAATTTA GATAAGCTAC ATTTTACTAG GAATTAGTCC AGTGCATCTA
167901 AATTTGCATT TTATTCTCAA AATGTTTGGT TTATTGTCTT GTTATTTAAA
167951 CTATCACATC AGTAAATTTG AGCTGTTTTT CTTTCTTAAT TTTGTTTATT
168001 GGTGTGTTCT TTTATTCTTG AAATACTAGA ATTTGCCTAT TTTATTGTTT
168051 TATTTTAAAG AATATTTGGG CTTACTTTTA AATATCATAT TTTAATATTC
168101 TGTGTAATAA TTCATCATAT GCCTGGTAAG GAGAATTTAA GTTAATAAAA
168151 ATAAAAAATC TAGAACAATG CTCAGCATAC AGTAATCGCT ATGTGGGTGT
168201 CAGCCAATAC TATTATTTCT ATTTTCTCTG CTCTTCATTT CATTAACATT
168251 TGTATTATT TCATACATTC TTAAGTTTGT TGCTGAGTTT ATTCATCTTG
168301 TTTAAATAAA TAAAAATATT TAGTGTTATT AACTCCCTC TAAATACTAC
168351 TTTAGCTGTA TCCTACACGG TTTTAACTAT TTTTGTTATT GGTGTTTTTC
168401 AAGTATTTTT AAAGTTTCAT TATTGTTTCT TTGAGCCATG AGTTACATTT
168451 ACAAGTGTGT TTCTAAAATT TTCAAGTATT TGATCATCTT CAAGTTGTTT
168501 CTTTACTAAT GATTGTTAAG AGAATCATTG TGATCAGAAA ATATGGTGTA
168551 CATAAATCA ATCTCTTGAA ATTTGCTAAA AGTTACTTTA TGCCATTATT
168601 TTAGCCACCT TTTGTAAATA TTTTCATGTAG ATATTGGCAA TGTTTTGTAT
168651 GTTTCATTAA ATCAAGCTGT TATTTTTGTT TGTCAAATGT TTTGTCTAAA
168701 TATTTTTGTC TGCTTGAAGG ATCAGTACTG TGTAGGAAAA TCTCCACAA
168751 CGATAATGAA TTGATCAATT TTTTCTCTGT GGTCTGTGCA ATCTTTGCTT
168801 TATGTTTATT GAAGTATATG TTAGTTACAC GTCATTAGTT ACATGTAATT
168851 TTTTCGTTAT ACTTCAGTAA ATTTCTGCTT TATGTTTATT GTGCTATCTC
168901 ATTACTATAT GTATGTTTAT AGTTGTTTAA AGTGAATTAA ATTTTAATCA
168951 TATATTTTGA ACAATTAATC TCCAGTTTCT CTAGTATCTT TAGATATTGT
169001 TTTAGGTCTT AAACCTATAT TATTTGTAAT AATACAGCTA TATCAGCTTT
169051 CCTTTGATTC AATTTACTTG GTCCTTCTTT TTTTATTAGA GCATATTTAT
169101 TTCTTTTTTT TCTCTTTTTG AAAATTTTTA TAGATTTAGG AGCTACAGTT
169151 GTGCATGTCA TGCAGTTATG TTACATAGAT ATATTGCATA GTGGTGAAGT
169201 TTGGGTTTTT AGTGTACCCA CAACCCAAAT AGAGAACACT GTACCAAATA
169251 GGTAGGTAGT ATGTCATCCC TCAGTCCCCT CTCACATATCC CACCTTTTGG
169301 AGTTGCCAAC GTCTGTTATT TCACTTTGTA TGTCCATGTG TACTCATTGG
169351 TTACCTCTCA CAAATAAGAA CATGCAGCTT TTGACTTTGT GTTTCTGAGT
169401 CATTTCACTT AGGACTATGT CCTCCAGTTC TATGCATGTT GCTGCAAAAA
169451 AAAAAAATAA ACATGATTTT ATTTTTTTAA TGGCTGAATA GTAATCCATG
169501 GTATATATAG TCCACATTTT TCATCCAATT ATCCATTGGT GGACACTTAG
169551 GTTGATTCCA TGATTTTGGT ATTGTGAATA GTACTGCAAT AAACATATTA
169601 GTCTAGGTGT CTTTTTGATA AAATAATTTT TTTCTTTTGG GATAGATATC
169651 CAGTAGAAAT GATGGTTCTC TTTTTTGTTT TAAGAGATAT TTCCATGCTG
169701 TTTTCCATAG ATGAACATAT TTACATTTCC ACCAATAGGG TATAAATGTT
169751 CCCTTTTCTC TGCATCCTCA CCAATGTCTG TTGTTTTTTG ACTTTTTAAT
169801 AATAACCATT CTGACTGGTA TAAGTTGGTA TCTCATTGTG GTTTTAACTT
169851 GCATTTCTCT GATGATTAAT GATGTTGAGC ATTTTTTTTC ATATGTTTGC
169901 TTGGCCACTT ATATGTCCTC TTTTGAAATT TTTGTATACT CTTTTACTTT
169951 AACTTGATTT TTCACTTCTT AGTCTGATAA TCTTTTTCTT TAAGTTAAAT
170001 TTATCATGAT TACTGTTTTA TTTGTTTTAT TTCTTTCACC TTATTTTATG
170051 CTTTTGATTT TTTCCACCTT TTTGGAAATT TTTTTCACC TTTCTTGTGT

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170101 TTTTAAATT AGGGTTTTTT TTGGTCTTAT TTCATTTTTT TCTACATTAA
170151 TATTTAGCAA AACTAATCAT TACAGGTAT CCTAGGAAAT GTAGCCTACA
170201 TAGCTTATTT GACAAAGTAT GAATCTTATC ACTGTCTCAC CTGCTTCCTT
170251 AACAAATAACA GGGCAATGGA AATGTAATTA CCTCCCAATT TATATCCTAT
170301 TATTTTCTAG TAATTTAAAT CTATTATTTA CCTTTGAATT GTTTATACAG
170351 TCAATATTTT TCCTTTTTTT TTTTTTTTTT TTTTTTGACA GAGTTCGCTC
170401 TTGTTGCCCA GGCTGGAGTG GAGTGGTATG ATCTCAGCCC ACTGCAACTC
170451 CACCTCCCGG GTTTAAGCGA CTCTCTTGCC TCAGACTCCC GAGTAGCTAA
170501 GACTACAGGC ATGCGCCACC ACACCCAGTT AATTTTTGTA TTTTATAGTAG
170551 AGGTGGGGTT TCGCCTTGTT GGCCAGGCTG GTCTCAAAAC TCCTGACCTC
170601 AGGTGATCTG CCTGCCTCGG TCTCCCAAAG TGCTGCAATT ACAGGCATGA
170651 GCTACCATTG CTGACCAACT GGATATCTTT TCTAATAATC CCTTCTTGCA
170701 TTTGCAATTT AACATTTCTT TTGGGAGTCA ATTTTCTTCT TTGTTTGTGTT
170751 TGTTTGAGAC CGAGTTTCGC TCTTGTCGCC CAGGCTGGAG TACAGTGGCG
170801 CAATCTCCTG CTCACTACAA CCTCCACCTC CTGGGTCAA GTGATTCTCC
170851 TGCTCAGCC TCCCAGTAG CTGGGATTAC AGGCACGCTC CACCACACCT
170901 GGCTAATGTT TGTATTTTTA GTAGAGACAG GGTTCACCA GTTGGCCAG
170951 GCTGCTCTTG AACTCCTGAC CTCAGGTTAT CCGCCCGCT CGGCCTCCCA
171001 AAGTGCTGGG ATTACAGGTG TGAGCCACCG CTCCCGCCT TCTTCTTAA
171051 GCACATCACT TAGACATTAC CTCAGCACTA TTGACATTTG GGACGAGACA
171101 ATTCTTTGGG TGGGGGGCTG TCCTATGCAA TACAGGATGT TTAGCAGCAT
171151 TCCTGACCTC TACTCACTAG ATGCTAGTAA CTCCAGTTAT TATGATCAGA
171201 AATGTTCTAG ATATTACCAA ATATTCTCAT ATTCTCTGAA TGAGCGGTGC
171251 AAATATGGGT ACCAAAAATT ACTCCCATT TGGGAACCACT GCTTTAAAG
171301 TGCTCTGTT ATTAACCTCT GTCTTGTCT TTTGAGAGCA ATAGCAAAAT
171351 AGAAACCTTT CCGAAGAGTT GTACACCTCC TAGATTATA ATTCTATGTT
171401 GAGAGTTGTT TTCTTTCAGC AATTTGAAGA TTCATTCCAC TGATTTTGG
171451 CTTCTGTTGT TGCTTTTGAA ATACTATTAT TCCTTTGAAG CTAATATGTC
171501 TTATTTAACT TGTCTTTGGA GTCCTGCAGT TTTTCAGTGA TGTATCTAAG
171551 TTACATCATT TTATTAATGA ATGTAAGTCA GTCTACATTT TATTTGCTCT
171601 ACATTGGATT CATTTTGACT TTTGAGTTA AACAGTCACA TCTTTCAATG
171651 CTTTTAGAAA ACTCTAAAA ATCTTCAAAA ATCTAAAAA ATCTAAATAA
171701 TCCTTTTAAT TATTTTCTGC TTATCTTCT CTATGACCTT TACTTGATA
171751 TCCACCTGAA CATATACTT CTCACCTAT CCTCTATAAT TCTTAAGCTC
171801 TTTCAGATTT TAAATCTTTC TGACCATCAA GGCTGCCTTT TCGTTACATT
171851 TCTTATATCT ACCCTCTAAT TTTTAAATT ACCTTAGCT GCATTATCTG
171901 CTATTGAACA CATCTATTAA GTTTTTAATT TCAAGTATTA CATTTCTAAT
171951 TTCCATAAGA CTGTTCTTTT CCAAATTTGT CAGCCATTTT AAAGTTTCTA
172001 AATCTTTGTA TGTACTTACG ATGGTTTTTA CATTGTAAG CAAAATAATT
172051 ATAGTTGTCT CATAGTTTTT GACAGGTCAT CCCAATACTT AAAATATTTG
172101 AAATGTAAA GCTTCCATCC TTTTTTCTCT ACTGCCTTTC ATTCATGATA
172151 CTTATTCTT GTGTGTGTTT TGTGAGTGTG TGCTCATAGT CAATATAACT
172201 TTATCTAGGA GAACATTATG AGCCCTTCTT GGAAGATTTA TTTCTTTTTC
172251 CAAGGAGAAG TAGTTCCTGC ATACGTCAAG CCCTAGGGAA AGCTAGGTGA
172301 AACCTGTAT CACTTTTGT CTGTATTGG CATTTTACAG ATGGCTCAGG
172351 TAACTTAATT TGAGTCACAG CTCTACATCA GTGATGGCTT GTGATTTTTA
172401 GTTCTCATGA AAAGTCTTGT CCTTCTCTA CCTGGTAACA AGCTAAAGGA
172451 AAAAATATTC ACTGTGTACT TCTGTTGAGT GTAGTTTACT GGAAGCATAG
172501 TCTCTGAGG CTCTAAGTTT CAAGTTGTCA TATTTTCAAA GTTGGTAAA
172551 CTCTAGATTT TATGTCTTGT TATCTACACA GTGAGCAAA GTTCAAATTT
172601 AAGCCCACCA TAAACATGGA TTGGTAGATG ACCTCAGGGT AGCTGTCAAG
172651 TTCAGATAAT AGTTACCTTC CTAGATTCTT CCTTCCCTT ATTTGGCTT
172701 CCTGGTATTT TTCCTACTTT CTTGACATCT CTGCAATAAA ATTAATAATA
172751 TCATAAAAGA ATTCAATAAG AGCTTTTAGT TATTTTGAAG CATGAACATT
172801 AATCACAGAG TTTTCTGAT ATACTGTTGA AAATGGAAAT CAATTTTATA
172851 TGCTTTTAAA AACTAGCTTA TATAAATAAA CTGAAGCCTA ACAATGTTAT
172901 CACTTTTAAT CATCCAATAA ATATTTATTG AATATATACA ACATTCTACT
172951 CACTGTTTTA AGCATTTAAC ATATCATGTG ACAGAACAGA ATTCATGCCT
173001 TCAATGAAC TAGTATATTC TAGAGGGAGG AAATAAACA ACAACACAA
173051 AACAAGTACA TAAAAAGAGT AGCTTTGGAC ACCAAAGAGT GCCATAAAGC
173101 AAATAAAGCA AGGTGATGTA GTGGAGTTAT CTGAGACAAG GGACCTGATT
173151 TATCTAGGAA TTGGAACCAG TAGATCTGAA GAATAAAAAT ATTAGTGAAA
173201 CCTGAATAAT GAGCACTAGA CACTCATTC AAGGGGAAGG GTATTCCAAA

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173251 CAGAAGGAAT AGCAGTTGCA AAAGTTCTGA GATACATATT AGTTTGAGTG
173301 TTTGAGGAAA GAAATATAGC AGTGTAAC TAATTATAGAG ATGAAGAGAT
173351 GAGTAGAGGA ATATATGGTC AGAGGTAAAG GCACAGGAGA AATAAAGTAT
173401 ATAGGCCATG GTGAGGGATT TGGATATTTT AATAAGTTGA ATGTGGAACC
173451 ACTAGAGTGC TTTATACATG GGAGTAGCAT GATCTGATTT ACACCTCTGG
173501 GAAATCCACC TAGCTGATGT ATGAAGAATG GATGGAGTCC GGGCATGGTG
173551 GCTCGGCCT GTAAATCTAG CACTTCAGGA GACTGAGGCA GGAGGATCAC
173601 TGGAAATCCAG GAGTTTGAGA ATAGCCTAGG CAAAGTAGTG AGACCCATATC
173651 TCTATGAAAA ATAAGAAAAA TTAGCTGGGC ATTGTGGTGT ACACCTATAG
173701 TCCCAGCTAC TCAGGAGGCT GATGTTGGAA GATCGCTTGA GCGGGGAGG
173751 TCGAGGCTGC AGTGGGCCAT GATTGTGCCA CTGCACTCCA GCCTGGGTGA
173801 TGGAGTGAGA TCATGACTCC AAAAAAAAAA AAAAAAAAAA AAAAGAAAAA
173851 AGAATAGACT AGAAGGTATA GTTCTGACGA AAGAGTGGAA TGGATAAAGT
173901 TTTGAGAGAA AATATGCAAA TAAGAAATGA TGGTATTCAA CAAGAAAGTC
173951 AGAGGCATG GCAGTACTA AAGATCAAAA TAAAAGAAAA GATAATTTTT
174001 AATGACCAGA GGAACATAAA GGCCAGGCTT GGGATGGACA GTGGAAATCC
174051 TCCAAGACA CTGGCAGAGA TGTCAGCAGC TTGTTGCTGA CATCATCCAT
174101 AAATGATATA ATGTGATCAA GAAGTTAGCA AATGACAATA AAAAGAAGTA
174151 AAGGATGGTA AAATTTGATA AGGTGCTTTA AAGGAGTTGT TTTTAAAGGA
174201 GGAAGGGTA GAGACAGGAA GGACAGTAG TGGACAAATA AAACACTTAT
174251 TGTAGCTACA GGTCTAAAG GCACATGAGG TNNNNNNNNN NNNNNNNNNN
174301 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NCCCTAGGTT TTATTTGAAC
174351 ATAGCAGGGG AACAATAGTC TCAGGAGAGA TCAAGTTTTC ACTAAGAGTA
174401 TGAAGTGAA GAAAATCATA GATGAGTTTG AAGATAGAAG GACACGTTCT
174451 TTGGATGCG TGAGAATTCT CAAAAGTATT GTGAAATGGT TTAGGAAGGA
174501 AGTTGTGGGG AGGGGCGGGG GGCAGAATTT ATTAGGGATT GTATGGAGTA
174551 TTTGGAATAT TTGGAAGATG ATAATTAATA AGATGTTAGA GAATCCAAGA
174601 TGGTTGAGCT TCTAGCGCTG TTGGAAGTGA ACAGAAGTGT GAGGCATGAT
174651 GACATTAGTG CTGAAAATTA GGGAAATATAG AAGTGATTGC AAACCAAGGG
174701 ACAACTGGCC TCCCTATTTG GTTTAAGTTT AGTTGCCTTC TAGAGCACAA
174751 GGTAAATGGG GATCTAACT CCTAACTCA TTCTAAGCAA TAATTTTCAT
174801 GAAAGGATGT CCTTGATGTG GTAATCTTTG TTATTCTCTT AATCTACACT
174851 AAAATAAAGA ATATAATTAT AAAAATGAAA AAAAGTTTCT CTCTATACCC
174901 TTGAATCGCT ATCAGTGTTA TATGTGTACC ATGCTGTGCA AAATACTAGT
174951 TTTCACATAC CTTATCACAT TTGTGAATGC TTTGAAGCAG CAAATTTGAT
175001 GAGACTAAGG AAGAATAAGG AGGCTAGTTA GAGTTGGTGA GGAAAAAATA
175051 TGCAAGAAG CGAAGATGAC TCCCTGCATA GTTTAATTGA ATTTAATTAG
175101 ACTAAAGAAA ATTAATCAGG GCATAGGATC CATGTAGCAA AATACCTGAT
175151 TATTAAATCA TTGGATAATT AGAAGTAGAG ACTGATCAAG ATTTTCTTAG
175201 TAACAACCCA AGAATGAGTT GCTTATACAA GATAGCAGGT TAGGAATAGT
175251 CTCTCTTTT CTAGTTTGCA ACAGTTTTTA TTAGTATTTA GAAAATTTTT
175301 CTATCATCAG TTTTTTAGAG AGGTATTAGA AAAAGAATC CATTTACGAA
175351 ATGACAAAT TAGTTTTTTC TGTAATTTT ACATTTTTTG TGCCAAACAT
175401 AACTTTTTCAT CAAAATACAT AAAAAATACG TTAGTGAGCT ATATTTAATA
175451 TCTTGTGTTT TTAGAGTCTA TGTAAGTTTT TAAATCTCA ATTATAAACA
175501 AGCTCATTTCT TATTTGTAGA CAATCCAAA TCCTCTACTG TGACTTTGGA
175551 TTTATTCAT ATACCTATAA TAAAATGAG GATTTTGTGT GCTTTTACA
175601 CTCAATAGTG GTAAGACAAT AAAAGAATAC AAATTGCAAT TTGACATGAC
175651 TTGTGTGATA GAAGATTTTT TCAAGATTAT TTTAATCAT CTGTGTTCTT
175701 ACAGAAATTTA TAAAAAGAAA TGAGAAATGA AGTTTCAAGT ACATATCAAA
175751 ATTGTGAGCA AAATCCAAAG AATTTTTTTT CACTTTTCAT AATGCTTTTA
175801 TAGGAATAGA AGTACACTTT CAAAGTTAAT AATAAATGAT TACAAAATGA
175851 GTTGAGTATG ACTAGTTAAG AAAGAAGTAG AGAAAGACCA AGAGTGATAT
175901 TCAAAATATT TAACATCTCC ACATCTGAAC TAGCCATAGC TGGGGCCTGA
175951 TGTAAACAAG TTTTAGCCCT ATAATAGTGA TATGTCCTTT GTGAAGGGCT
176001 GGGAAGCCAG ATCAGCCATA AGAAGAGCAC TTGGGGAAC TAATGCTGAA
176051 TCTTTTCTGT TAAACACTTT GACTGGTAAA TACATTTTTT CAATATTTAA
176101 CAATCAGTAT GTATATCTAC TGTATACTAA CTGAAAACAA TATTGCCCAT
176151 CCCTACCTAA TACTTCTATA TAAAAGGACA TCATATATTG CATATGGAAT
176201 AACTAATACC TTATACAAAC TCCAATTTAT TATTGTAATC TACGATATTT
176251 CAATTACTTT CTCTGTCTCT CTTCTCTCT CTCACCAAGT CTCATGAAGC
176301 AGTGTAGTGC AGCAAGAACA GGATGCAATT AGAATTAGAT TCAGATTCAC
176351 ATCCCAACTT CACTATCAAC TAATTGTGTA TCAGTGGGCA AATTATTTAA

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176401 CTTCTTTACC ATTCAATGTC ATCTTCTGTT AAATGAGGCT TGTGAGTTTT
176451 AGAGACAAAG AATAAAAGAT ATCCAGCATA GCACCTGCTG TATGACAGTT
176501 ATCCAATAAA TGGTAACTGT TGCTACTGCT TTGAGAATTG GGAAGAAATT
176551 GCTAACACAA TTTTTCACCT GGAGTTTAT CCAGGATTAG GCTTTAGGAT
176601 GTCTAAGAAAT CCTCTAAAAT TAAAAGTGAA AGAGGTTATA TGTGCACATA
176651 TGCACCTCTC TGGAGAAAGG GTCATAAACA TTTGTAAAGT TCTTAAAGGG
176701 TGTCTTGAAT TTAACACAGT TGGAAAGAAA AAGTGAAGAC AAGTTGGCAG
176751 AAAGAGGAGG GGGAAATGACA TGGAAAGAGA AAGAAATGAA GATCAGGGGG
176801 AAAGATGGCA ACTAAACAGA GGAACCAATG TGGAGAATTT GCAGAGAATG
176851 CAGACTATAG CATTGGCATG GTCTTGGAAA GAAAGTTGAG TTGGTAGAAA
176901 TGAGTAGAGG AGGTCAGCTA AAAATCAGTG AATCCGGACA GAAAATATTG
176951 CAGATTGTC ATGTTTTCTG CAGTAAGGCA GTGATTCTTA ACRAATTCCT
177001 GGAAGCTAT TATATTTTAA ATCGCTTCTG TTTCACCTTT CTTTGATACT
177051 CAAAACAATT TACATAGCTC AATTTATGT AATGAGTGT TTACATTGAT
177101 ATTTCTATCC CATTTTGAGA CATCCAAGCC ATTCATCAC TGTAATATTA
177151 TCATATTGTC TGATGCTACT TATTTTCAAT ACTAATATTA GGGTTTGATG
177201 AAGCTTATTC AGAATGCTTT TCCCTACACA GGTAAATGT TTAGATTTGC
177251 ATTTCAATTT CTATTCACCTC TTGACAGCTG ATCATTTTAT TATCTTGAAA
177301 ATTTTCACAG TGGGGCAACA GTTAATGATG GCTTCTCAA AGAGCAAAC
177351 AATCAGCACT ACATGAAAAA GGAGAATTTA GTGATAATCA GAATCATGTG
177401 TTAAGTGAAG AGGAAAGTGA AAAAGAGAAA TTCAACTTGA ATTTATTTGTC
177451 ATTAGTAAAT CATCAAGAAT TATCATCAA ATATATCCTA AAATAAGCT
177501 AAATATGAAA AAGAAACAGA TGTTGATGAA AACATAACAA GAAAAATTC
177551 TGCAAATGTA AAATTTTTTT CTCAAACACA AGAAGGTAAA ATGTGAGTAT
177601 TGAAATTAAT ATTACAGGAT ACAGTGTCTT AAAATGCATA TTCAACAGAC
177651 GTCTGCCATG TGCCTACTCT GTGCCAGGCA CAAACTCAT AGCAATCATA
177701 TTGTCACCTC ACAATAATGC AATTACTGAT TTTACAGATG AATTACCCAT
177751 GGCTACACAA CCTTAATAAC AACTAGGTTT ACCACGAACC TATCATGTGC
177801 TTACACTTCT CATTGATTGT CTTTCATCCT AATAACCACC ATGTAAGAGA
177851 AGCCTTACTT TTATATCCCT ATTCTCACCT ATTAATAAAG GCCAAGATAA
177901 ATAATTGGCT TATATAGCTG GAAAGGCATC AGAGGAGTAA GAAGAACCCA
177951 AGTCTTTTGA CCTCAAATTC AGTGCTTTT ATGCTATTTT ATATTTATTC
178001 ATTTACTTAT TCTCAGAACA AATATTTATT GTGCACATAA TAATTGCCAG
178051 GCATTTATTA AAAGCTGTGC ACACAATCAT GGTGAATAAA CATTCTTATT
178101 CCTTATCTA ATGGAGTTTA TACACTTTTA GGTGAAACCA GTTGTAACA
178151 AGCAAGCAAA CAAGGGCTAT AAAGAAGAGT ACAGTTTACT GAGATCAAAG
178201 AAAGGAGGGT GATCACAGAG GACCTCTAAA GGAAGTAGCT GTAAAGAGAG
178251 AGCTTTTATA TGTTCCTGTC AGACAGAAGA TGTGCAAAGA CTCTGAAATA
178301 GCAGACAGAC TAGATTGCT AATTTCTAAT GAACACAACA ATCAAAGACT
178351 TTTTGGGCAC ACAGGATAAA ACTGTGTTTT TACATAGATC ATATAAATTG
178401 ATTGACTAGT ATTTGAGGTA TCTGTCTGTA ATTTGCTTTG CCTAAAACAA
178451 GCTTATTTGA AAATAGAAGC ATATATATTT CACAAATATA TGTGAAATCC
178501 ACAATAGTGT GTAAGTAGTG TGTAAATGA ATGCATTTTA CTGTCATCAA
178551 TACTACATGG AAATCAGAA TTTTAATGCA ATCTAATTTT CTTTTCTTTT
178601 CTTTTCTTTT CTTTTTTT AGACAGAGTC TCGCCCTGTC ACCCAGGCTG
178651 GAGTACAGTG ACGCGATTGT GGCTCACTGC AACCTCCACC TCCTGGGTTT
178701 AAGCGATTCT CCTGCCCTCAG CCTCCCAGT AGCTGGGACA ATAGGTGCGC
178751 GCCACCATGC CCGGCTAATT TTTGTAGTTT TTAGTAGAGA CGGGGTTTCA
178801 CCATTTTGAT CAGGCTGGTC TTGAACATCAT GACCTCATGA TCCACCCACC
178851 TCTGCCTCCC AAAGTGCTGG GATTAGAGGC GTGAGCCACT GCGCCAGCT
178901 TAATTTTCTT TAAAGTTGAA AAAAGCATCA TACAACAATA ATATGAGAGT
178951 TTGGAATTGC TCCCTTATTT AAAAAACAA AAAATAAAAA ATAATTTAAA
179001 AAACCCACA TCAGGACCTG TTATAACCTC TGCAGACTCT GAAAAAGAGA
179051 TGATGCAATA GTTCTTTGGA AACATCTGTC AGTGTCATTG GATTGCTCTT
179101 TCTTCTCAT TCTTTTCTA AATGTGTAGT ATCTCCTTCT CAATATTACA
179151 TGACCTTTAT CCCATGAAGT TTATGATATT TTCATTACCT AAAATAGCTT
179201 CTTACCGAGA CATTTTAT GTATCAGAA TCACAGATCC CTGTCTATAC
179251 CACAGACATT GAGCTCCAA GGTATCAACG ATATCAACAA CTGACACACC
179301 TCATTTGGAT ATAGGGAAAC GTTTAGGGTT TTTACGCCTT ACAGACACTT
179351 TCATAAATAA TCTTCTATTA CATACAATGA CCTTTCATGT TCATAAATAT
179401 AAATAACGCT CTCAAAAAT TAAAGATTCC CAACCATATT TATTTTTTTC
179451 ACTGTATTTT ATTAAGATG CAATACCCCA CTTTCTGTTT AACATCTGTT
179501 TTATCTTTTA TAACTTTCT TTCTTGCTAT GATCTTTCTT CCACACTGAA

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179551 TTCTCTACCT TTCCAAATTC CTGTTGAAAA CAGGAATGAA CTGTTTTGGT
179601 AACCTCCTGA AAATTTGAGG GATAAAAATT GATTTTATTT TTCCTAACAG
179651 GTGAAGACCC AAAGAGTTTG CATTGACAGA GCACCTTCTCT ATTGGCAGGC
179701 AGGAGGTAGC AACTGAGCTA TAACACTGTA CGGTTAGGGC ACTGGAATCG
179751 TAATATTGTC ACATTGAATC TTGCATTGGA ATGTATCATT CTTCAAAACA
179801 TTTTGAAAT AATTTAATG TGTGGTAGTT TCTTCAAAAT AATAATAAAT
179851 CAAATATTTT AAAAGTTACT GTAAGATAGA TTCCTTGTCA AATAAAGGGC
179901 TATCTTATTG TACAGAACTT GTTGTTAACA ATCACTGGGA AGCGTGGTAT
179951 AGAGGAGACA ATACTGGGGT CTAATAAATT AAGTCTTTTT
180001 CTCAGTCCCA CCTGAAGTA GCTGTATGAT AAACAGATAG TTTAACTTCT
180051 CATGGTGTGT ATTTGACAT ATACCATTTT AAAGGTTGTG TTAGATTTAA
180101 CACATTGTAA TATTCAAGC AGGTGTTTTT TGTGTGTTG ACAGTGATA
180151 AAAAATAACT GAATTAATTT CTAACTGAA AAATTAGGAG TTTTGAACA
180201 AATCTAACAG GCAGAAATTC CAGAATGGTA TAGTTGAAAT CAACAGCAGC
180251 ATCAACCAAT TGAATATAAT TAATGTCTAC AGAATACTTA TTCAACAACA
180301 GCAGAATACA CATTCTTCTA AAGTTCACAT GGGACATTCA CCAGAATAGA
180351 ACACATTCTA TGCCATTAAG CATACCTTCA CATTTAAAT AAAAGGAATT
180401 GTACAATGGA TACTCTCAGA CCACAAAGAA ATTAAGTGG AAATTATGA
180451 CAGAAAGATA ACTGAAAGAT CCTCAAGTAC TTGAGGATTA AATAACACAT
180501 GGGTCAACAA AGAAATTTTA AGAGAAATTA AAAAGACTTT GAACTAAATG
180551 GAAATTAATA CAGAAATTTGT CATAATGTGT GGGATGCAGA GAATGCAGTA
180601 CTTAGAGGGA AATGTGTAGC ATTGAATGCT TATATTAGAA AAGAAGAAAT
180651 AAGTAAATC AATAATCTAA TTATCCATTT TAGGAAACCA GAAAAGAAGA
180701 GCAAAATGAAA TCCAAAGTAA GCCTAAGAAA AGATATAACG AAATTAGAGT
180751 GGAAATCAAT GAAATGAAAA TAGGAAATTA ATAGAGGAAA ACCGATGAAA
180801 CAAAAGCTG GTTTTAAAG GTGAGCAATA CAATTGATAA CCCTCTAGGC
180851 AGGCTAAGTA CATAAAACAA GAAAACACAA ATTATTAATA TCAGAAAGGG
180901 AAGAGGAGAC ATCACTACAC ATTCCTTGGA TATTAAAAAG AAAATAATCT
180951 TCCAAAGAT AAAATACCTG GCCTAGATGA GTTCAATGGT GAGTTCTACC
181001 AGAAATTTAA GGAAGAAAT ATAACAATTC TCTATATCTC TTCAAGAAGA
181051 TAGAAGTAGC AGGGATACCT TCTAATATTC TATGAAGCCA TCATTACCCT
181101 AATACTAAAA CCAGATGAAG ATATTACAAG AAAAAAACT AGAGACCAAT
181151 ATCTTTTATG AATATAGATA AAAAATACTT CAACAGAATA TTATCAAAT
181201 CAATTCACAA ATGTATGAAA AGAATTACAT GCCACTATTG GCCAGGCGCA
181251 GTGGCTCATG CCTGTAATCC CAGCACTTTG GGAGGTTGAG CTGGGCTGGA
181301 TCACCTGAGG TCAGGAGTTT GACACAAGCC TGGCCAATAC AGTGAAACCT
181351 CGTCTCTACT AAAAATACAA AAATTAGCCA GGTGTGGTGG CGCATGCCTG
181401 TAATCCCAGG TACTCACGAG GCTGAGGCAG GAGAATTGCT TGAACCTGGG
181451 AAGCAAAGGT TGCAGTGAGC CAAGATTGTG CTAAGTCACT CCAGCCTGGG
181501 TGACAAAGCG AGACTGAGTC TCAAAAAAAG AAAAAAAGA ATTATATGCC
181551 ACTATCAAGT AGACTATATT CCAGTATGCA ATATGCAAGG CTACTTAAAC
181601 ATTTGAAAT CAATTAATGG AATCCATCAC ATCAACAAGC TAAAAAGAA
181651 AAGTTAAATG ATCAAAATCAA CAGATACAGA GAAAGCATTT GTAAAAATCT
181701 ATCACTTGCT CATGATAAAA ACTCTCACCA AACTAGCAAT AGAAGGTAAC
181751 TTCCTCAACT TGATGAACAT CTAAAATTAT CTAAAGCTGC CATTATACTT
181801 AATTTCAAGA AACTAGTAGT TGTTCCTCT AAGATTAGAA ACAAGGCAAG
181851 GGTGTCTCCT CATGTCATTC TTTTTTGGCT TGTACTGGAA ATCCTAECTA
181901 ATGCAACAAG ACAAGAAAAG GAAATAAAG CTTTAAATTT GGAAGGAAG
181951 AAATAAAACT CTCTTTCAG ATGGCATTAT TGTCTGTGTA GAGCATTCAA
182001 AAGAATTAACT TAAAAAATCC TCCTGGAAT AATAAGCAAT TATAGTAAGG
182051 TTGTAAAATA CAAGGCTAAT GTACAAAAGT TAATCACTTT CCTATGTACC
182101 AAGAATAAAT GATTGGAATT TGAAATTTAA AATATAATGC TAATTACATT
182151 AACACCACAA AAATGAAATG CTTAGTTATA AATCTAACAA AATATATACA
182201 ACCTCTACAT GAGGAAAAT ATAAAATCT GACAAAAGAA ATCAAGAGG
182251 AGCTAAATTA ACGAAGAGAA ACCCATGTT CATAGACAGG AAGATTGCCA
182301 ACTTGATCTG TGAAACCAGC ACAATCTCAA TCAAAATTC AGCAAGTTAT
182351 TTGTTGATAT AAATATCAAC AAATAATTC TAAGGTTTAT ATGGAAAAGT
182401 AAAAGACCCA GAACATCATA TTCAATATTA AAGGAGAAGA CAAAAGTCCT
182451 AAGACTGACA TTACCCAAT TTAAGACATA CTGTAAGGCT ATAGTAATCA
182501 AGACTGTGAT ATTGACAAAA GAATAACAA ACAGATCCAT GCAATGAAAT
182551 AGAGAACTCA GAATTAGACC CATGCAATA TAGTCACCTA TCCTTTAACA
182601 AAGGAGCAAA AACAATATGA TGGAGAAAAA CATTGTCTTT TTGACAAATG
182651 ATGCCAGACA AACTGGATGT CCACACAAAT AAAAAAATAA CAATAATTAA

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182701 AAAAAAAGC TGAGCCTGTA CCAGTAGATT TGGTGTCTGG TAAGCACCCC
182751 CTTCTGTGTT TATAGTTGGC CGTCTTCTTC TTGTGTGCTC CCATGGCAGA
182801 AGGAATGAGG GTGCTCTCCA GGGTATCATT TATATAGGCA ATAATCTAAT
182851 TCCTGAGATC CCCACCCTCA TCACCTAATC ACCTACAAAA ATCCCCACAC
182901 CCTGATGCCA TAACATTGGG GGTATGATT ATTTCAACTT ATATATTGT
182951 AGGAATGCCA CAAACTTCCA GTCTGTAATA CCAAAGCCAT CTAGAATTTG
183001 TTATTTGTTA TCTTCTATGA GTTTTATAGT TTGCCTTTTA TATTTAGTTC
183051 TATGATTTCAT TTTGAATTAA TTAGTGTGGA GATCGTAAAC CTAAATGAGA
183101 ATGGAATAATG GTACAGTCAC TTTGGAAGAC AGTTTGGCAG TTTCTAACAT
183151 ACACCTTACAT ATATCCAGCA ATCACACATT TTGGTATATA CCCAAATGAG
183201 TTGAAAACAT ATGTCCACAC AGAAACCTGT ACACAGTTGT TTATAGCATC
183251 TTTATTTCATA ATTGCCAAAA CTGGAAGCAG ACAAATATT TTTTATGTAG
183301 GTAAACAGAT AAATAAACTG TAGTGCATCC ATACGATGGA ATATTATTCA
183351 GCAATAAAAA GCTGAATAAA TAAATAGTAA TAAAAAGCTT TCAGCCATGA
183401 AAAGACATGG TTTAAGAAGG TACTTAAATG CATATTACTA AGTGAAAACG
183451 CCTATTTGAA AAGGTTACAT ACTGTGAGAT GACAGCTGTA AAACATTCTG
183501 GAAAAGGAAA AACCATGAAG AAAGTCAAAC AATCGGTGGT TGCAAAGGGC
183551 TCAGGGAAAG GGGGAAGATG AATAGAGTGG AGAACAGAGG TTATTTAGTG
183601 CAGTGAACT ATTCTCTATG AAACCTATAGC GCTGGATATA TTTCATTATA
183651 GCTTTTCAAA ACTTGTAAG TGTACATACA CCAAGAGTGA ACACCTAACAG
183701 TAAACTATGG ACTTTGGATG ATGATGGTAC ATCAATGTAG GTTCATCCAT
183751 TATAACAAAT GTACCAATCT GGTGCAGGTT GTGGATAGTG GAGGAGGCTG
183801 TACTTGTGTG TACGTTCTGC TCCATTTTGT TGTGAATCTA AAACCTGCTCT
183851 AAATAATAAA GTATATTTAA GTGGCAGTTT TGCATAAGAA TCCCATTTTC
183901 TAGCAGCAAT CTGCTAAAGC TGCCTTAGCA CCTTTAAAGG AGACATGCTT
183951 TCTAAATTGC CATTGGTCCCT TCTTAGCCCA TTTCTCATTT TTCTTATCTG
184001 TAGTCATTTG AATTTGCAAT GCTTGAGCTT GCAATAATCA GTATTTCTTT
184051 TAACTAAAT CTAGCCAAAC AAATCTCTGC ATTTTTCCTT TGTATTTTTC
184101 TACTCTCCTT TGATGCTCCA CAGCAAATAT GCCTCAAAAT TAATCATTTGA
184151 TGCAATATGC TTATATTGCA AAACCTTTGTT TTCTACCATA TGACCAAAAC
184201 TTTGTTTTCT ACCATATCAT CAAACATGTC AACCAAAATG TAGTGTCCCTA
184251 ATAACATATC CTGGGTGCAG TCTCATAGAA GTGGAAGGA GAATAGTTAC
184301 TTTGCTACTT TTATGCTCAT CTCTCCTTTC TCATCATTTT CACTAAATCA
184351 GCGTAATGAC TTTTCATGCT TCCTCATATT CTCTATATGC TTTCGATTTA
184401 TGATTTATTT TCTTACAAAA AATGATGGAT AAGAAAGTTA GGGGAAGTCA
184451 AGGAGATAGA GCAACAGAAA ACTGAATTTG AGACACATTT CTATACCCCTT
184501 ACTCCTCATG TATTATGTTG TGCATGTGTG TATATATACA TACCACTATT
184551 TTATGGTCTT CACGAGCTTT ATGATCTATA TAGTCTTTTT ATAGAATGTT
184601 TAGAAGACTA ACATGAAGGT TGTATAGAAA CAAGTCAGTG GATTTATGT
184651 TTGTGCTTCT GTTTCTCTAG AAAAACAGGC ATCATGTTTT ACTTCCAAGA
184701 CAGTATTTAC AACAGACTAG CTATCCACAC AGATCTTTCA AATTTCAAAA
184751 GAGAACATTT AAAATATGCT TGACTTTCAT GTTTTACAAA ATTTATATAC
184801 AGTACAATGG AATCTTTTTG AAGGGCTTGA CACATAAAGT AATAATTTTA
184851 AGTGATTGTA GATGTACATA GTTGATCTT TTTAAAATGT ATTATATTGT
184901 TGTTATTTGT GCCAAATAGT TGATCAGGGA GCTGTTCTTA TGAGAGATGT
184951 ATACTAGAGA TGTCATTGTT ATTATCATTA TTAAAGACAA GTATTTTGA
185001 GAACTATCGA TGTATCAGGA ACTATGCTAC GAATTGATAT GCTATCTCAA
185051 AATATGACCA CAATAATTCTG TTTTTGTTT TTTGTTTTTT GAGACGGAGT
185101 CTGCTCTAT CACGAGGCTG GAGTGCAGTG GCACCATCTC GGCTCACTGC
185151 AACCTCCGCC TCCAGGTTT AAGCAATTCT CCTACCTCAG CCTCCGAAGT
185201 AGCTGGGACT ACAAGCGCGC GCCACCACGC CCAGCTAATT TTTTTTTTTC
185251 TTTATTTTGA GTAGAGATGG GGTTCACCT TGTGGCCAG GATGGTCTCG
185301 ATCTCTTGAC CTCGTGATCC GCCACCTCA GTCTCCCAA GTGCTGGGAT
185351 TACAGGCGTG AGCCACCACG CCCGCCAGA CCACAATAAT TCTATGAGCC
185401 AGATATTATT ATCCTCATTT TGCAGATGAA GCTTAGATT GTCCAAGATT
185451 TCACCACAAA TAAATGGCAG AGCTGGGATT AAAACCTTGA TCTGTCTGAC
185501 TTTGAATCTC GATGCTTTAA AAATATTAAA ATTTTCATCA TATCTTTAAA
185551 AATATTTTAT ACATGAAAA GAGGAATAAT AAACCTTTTA ATTGATCAAT
185601 TTATTTTFTA ATTGATAAAA TGCATGTGTG TATAAAATTA TATAAATTCA
185651 TTATGTACAT GATGTTTTGA AATACGTATA CATTAGGAAA TGAACCTC
185701 AAGCTAATTA ATGTATGCAT TACTTCACAT ACCTATTTTT TCTTGTGAGA
185751 ACACAAAATC TACTCTCTTA GCAATTTTCA ATAATAAAAT AAATTATTAT
185801 TAACTGTAGT CACCTAATTG TACAGTAGAT CTCTCAATT TATTCCTCCT

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185851 GTCTAATTGA AATTTTGTCT TTGATCAACA TCTCCTAATC CTGCTCCTCC
185901 CCTTCCCCTG TTCCTGGTAA ACACCATTCT ACTCTCTGCT TCTATGAGTT
185951 CAGCTTTCTT ATATTCCACA CATAATTGAG ACCATGTAAT ACTTGCTTTT
186001 CTGTGCCTGA CTTATTTTCAT TTAATATAAT GTCCTCCAGG CTTATCCATT
186051 TGTGCAAAAT GACAAGAATT TCCTTCAATT TAAGGCTGAA TAGTATTCCA
186101 TTGTGTATAT ATACCACATT CTCTTTACCC ATTCATCTGT TGATTCCATA
186151 TCTTGGCTAT TGTGAATAAT GCTCAGTGAC CAAGGGAGTG CAGATATCTG
186201 TTTGACATAC TGATTTCATT TCTGTTGGAT ATATATATAG GAGTGAAATT
186251 GCTAGATCAT ATGGTCATT TACTTTTAGT TGTTTGAAGA ACTTCCATAC
186301 CATTTTTTAT AATGGTTGTA CCAATCTACA TAACCACCAA CAGTGTGCAA
186351 GGTTTTCCTT TTCTCCCCAT TCTTACCAAC ACTTATTATC TTTTCATCTT
186401 TTTATAAAAA CCATTTTAAT AGGTAGGAGG TGGTATCTCG TGTGGGTTTA
186451 ATTTGCCTTT CTCTGATGAT TAGTGATGTT GGACATTTTT TCATATACCT
186501 GTTGGCCATT TCTATGTTTT TTTTGGAGTA ATTTCTATT AGAGCCTCTT
186551 CTCATTTTGA AATGATTGGA TTATTTATTT ACTTGCTATT GAGTTGTTTG
186601 AGCTCCTTAT ATATTTTGAA TATTAAACAC ATATCAAATG TATGGTTTGT
186651 AAATATTCTC TCCTATTCCA TAGGTCTCTT CACTCTAATG ATTGTTTCCT
186701 TTGTTATGTA TGAGCTTTTT TTTTGGATTT CATCCATTTT TCTATTTTGT
186751 CTTTTGTTTG TGTTTTTAGG GTCATTTCAA AAAAAAAAAA TCATTGCTCA
186801 CACTAAGGTC ATGGAGCTTT TTTCTATGT TTTATTCGGG TAGTTCTAGA
186851 GTTCCAGATC TTAGAATAA GTCTTTAATA CATTTTGAAT TGGTTTTTGT
186901 ATATGGTGTT GATTTAAGGG TCTAATTTTA TTCTTCTGCA TGTGGATGGC
186951 CAGTTGTACC AAAATAATTT ATTGAAGAGA CTGTTCTTTC TTCATTGTAT
187001 GTTTTTGGCA CTTTTGTGCC AATTGACCAT AAATGTGTGG GTTTATTTCT
187051 GGGCTGTCTA TTCTGTTCCA TTGGTCCATG TATCTGTTTT TAGGTCAGTA
187101 CCTTGCTATT TCTGTCATA TAGCTTTGCC GTATATTTGG AAGTCAAGTA
187151 GTGTGATGCC TTCAACTTTT TTCTTTTTAC TCAAGATACC TTCTGCTATT
187201 TGGGCTCTTC TGTAGTTCCA CACAAATTGT AGGATTTTTT TTCCACTTCT
187251 GTGAAAAATG TCATTAGAAT TTTGATAGAG ATTGCAATGA CCCTATATAT
187301 TTCTATTGAT TTATGTCATC TTCAGTTTCT TTCATCAGTG TTTTATAGAT
187351 TTCAGTGTAC AGATCTTTCA CCTCCTTGGT TAAATGTATT TATTGAAGCT
187401 ATGTGAAGTG AGATGTTTTT CTGTGATTCT TTTCTGGATA GTTCATTGTT
187451 CATGTATAGA ACTGCTACTG ATTTTTGTAT GTTGATTTTT GTATACTACA
187501 ACTTTACTGA ATTAATTTAT TAGTTCTAAT AGTTTTTTAG TGAAATCTGA
187551 GATCATGTCC TTTGCAAAACA AGACAACCTA ATTTTCATCCA TTCCAAGTTG
187601 GATGCTTTTT ATTTCTTTCT CTGTCCTAAT TTATCTGACT AGGACTTCCA
187651 GTACCATACT TAATAGAAAT GTCATCAAT AATTTCTGTT GAGTTCATCA
187701 TCAACAATCT TACAGCTTTT AAATACTTTT AAAAATGTGT ATGCTTTATA
187751 TAGTTTTACT AGGTTCACAA TCATACCTTC TAAATCGAGA GCTTAGTTAG
187801 GCTTTTCCCT TAAGCCTCAG TTTCCCCCAA GTGAAATGGA ATTATAACTC
187851 TGGGTTTCCA TGAGGATTAG ATGAGAAAAA GTAAGGCCTT TGGCATAAAG
187901 TAAGGCCTTA CCGCTCAATG GTATCTGCAG CTACGTTAAT TCAAAAAATG
187951 AAAGAAGGTT TTATCCAGAT TCAGATTGCT TGACATCCAT CTACCTTCAT
188001 TCAACAATCT TACAGCTTTT AAATACTTTT AAAAATGTGT ATGCTTTATA
188051 AAGAAAAGCA GCTTTTTATA AATATTTGTT ATGAAAGTGT CAAAATTGGA
188101 ACTTGTGTTT ATAAAGTATC TAAAGTGCAC TATTACTGTA CAACAGGGGT
188151 CCCCAGCCCC CGGGCCATGG ACAAGTGACA GTCCGTGGCC TGTAGGAAC
188201 TGGACCACAC AGCAGGACAG CTAGAGATGA GTGGTAGATG AGCGACCATT
188251 ACTGCCTGAG CTCTGCATCT GTCAGATCAG TGGTGGCATT AGATTCTCAT
188301 AGGAGCGTGA AACCTCTTGT GGAAGTGCACA TGTAAAGGAT CCAGGTTGTG
188351 TGCTCCTCAT GAGAGGATCT AACTAATGCC CAATGATCTG AGATGATCTG
188401 AGGTGGAACA GTTTCATCCT GAAACAATCC CCCACACTAC CCCTCCCCC
188451 ACACTCTCCA CCACCCCGTC CAAGTCTTTC TAACACTGGT CCCTGGTGGC
188501 AAAAAAGGTT GAGGGCTGCT TCTGTATACT TGTTTTTCAA AATATCTCAT
188551 GTAATCATCA TAAAAGTCTT GCTAAATGTT ATTATTATCA TTCCCATTTT
188601 CAGGAAGGTA AGTTAAAGGC TTCAAAAGTT TAGATTTTTTC CCAAGAATAC
188651 ACTGCTAATG TGTAGTTTTG AACATACCAG TTTAGATTAT TAAGTCTCGG
188701 CTCTTTCCCC CATATCACAA ACTCAAATTT CACTGCTTTG TAATTTTCCT
188751 AATTAAAATG AAAAATAACT ATGAAGTTTG TGGGAAACAA AACATTTTTC
188801 TTTAATATCC TGTTTTACAA ATTTACAGAA GAATAAACT TTAATAAGTG
188851 GACAAAGATC ATGAACAGAC TTCTCAAAAG AAGACATATT TGTGGCCAAG
188901 AAGAATATGA AAAAAAGCTC AATATCACTG ATCATTAGAG AAATGCAAAT
188951 CAAAACCACA ATGAGATACC ATCTCACACC AGTCAGAATG ACTATTATTA

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189001 AAAAGCCAAA AATAGCAGA TGCTGGTGAG GATGCAGAGA ACAGGGAACA
189051 CTTCTACCCT GTTGGTGGGA GTGTAAATTA ACTCAACCAT TGTAGAAAGC
189101 AGTATGACAA TTCTCAAAG AGATAAAGC AGAACTACCA CTTGACCCAG
189151 CAATCCCATT ACTGAGCATA TAGCCAGAGG AATATAAATC ATTCTACCGT
189201 AAACACCCAT GCACACAAAT GTTCATTGCA GCACTCTTCA CAATAGCAAA
189251 GACATGGAAT CGACACAAAT TCCCTTCAAT GACAGATTGG ATAAAGAAAA
189301 TGTAGAACAT ATACACCATG GAATACTATT CAGCCATTAA AAAAAAGATT
189351 GTGTATTTTG CAGATGGAGC TGGAGGCTAT TATCCTTAGC AACTAACAC
189401 AGGAACAGAA AGCCAGGTAT CGTATGTTCT CACTTATAAG TGGGAGCTAA
189451 ATGATGAGAA CTCAGGAACA CAAAGAAGGG AACACAGAC ACTGAGGCCT
189501 ACTTGGGGGT GGGGTGGGAG GAGGGAGAGG AGTGGAAAAG ATAACTATTG
189551 GGTATTGGGC TTAATGCCTG GTTGATGAAA TAATTTGTAC CAGAAACCCC
189601 CATGACACAA ATTTACCTAT GTAGCAAACC TTCACATGTA CTGCTGAACC
189651 TAAAAATAAA TTTTATTTT TTAATCCTG TTCAAAAAT TATGCACTAA
189701 GATACTTCTC TCTTACATTT TATAGTATCC ATATTTTCAGA ATTAATCTTG
189751 GACATGCATA CAGAACATTT TACCAATAAA AAATGGTCAG TATACCTTTG
189801 GGCAGTGTTA GTCCTTCATA AGTGTTCCTAA AAACCTTAGCA GTCCCTCTTT
189851 ACATGAAAGC ATGCATTTTT CAAGACAATA AGTAATTATT CATGTTTTTC
189901 AATATGCTAT CTCTGAATGC TACTCATGGT GTGATTCTTC TCAGAGTTTT
189951 GGAGGGTAGA GTGTGGCTTT AGTTATACGT ACCTACCTGC TGACAGAGCC
190001 TCAGTGAGTT CACAGGCTCT TCTGTTTATT TACTCAGTCA CTTACTGAAT
190051 ATTGGTGGAA TGCTCCTAC GTATCAGATA TTATATGGGA GAATGAGTAC
190101 AAAAGCATAC ACAACCCTTG CTCTGGTAGA GCTGAACGTC TAGTAGGGGA
190151 GGCAGACATC AAATAAACAG TCATGCTGAT GGGATGAAAA TTGGCAACTG
190201 AGTTAGTTTC CATGAGGGAG AATTACCCAG TGCTGCGAGA GTACCTGACA
190251 GGAGAATTAA ACCTTTTCAG GAAGGTGAGA GATGGCTTTG CTGAAGAGGT
190301 GACATTTGAA CCTAGGCGAG GAATGAATAA GACTTGATCC AATGAAGAGG
190351 AAAGGAAAAT TTCCCTTCAT GGTAGCAGCA TATGCCAAAA TTTCTTGCTA
190401 GCTTCTTTCA TACTTTTGTA GATATCATAT ATTGAAACAT AGCCCTCAAG
190451 AATATTCCTG AACAACTGGA TCCTAAATTA TGTAAAAGAT TCGCTATAGA
190501 ATTACAAATG AACTACCAAA ATCATAAGTT TTTGGCTCAT ACATATCTTC
190551 ACACAAAAAA ATCATTTTTA ACTATACAAT CATAGAAAAA ATTATGAAGC
190601 ATTTTTATTG ACATATGAGG TAACTTTATT ACATTATTTT TGACCATGGA
190651 GAAGTGTGGA AAAGCTTTAG CCATGCTGAA TTCTCTAAG ACCTTCCAAA
190701 TTAATACCAT GTGCCAGAAA TTATTCTAGG CTTAAGTGAT TCTAAGAAAT
190751 ATAAGATAAT GCCCGTGTGC TGCCAGCCCA CAATCAAACCT AAAGATCTAT
190801 ATTAGCAATG AGCTAAATAG CATGTAATAT GTAAAAGGTC AACTCTGTA
190851 GCTTATTTAA GTGCTGTAAG AACGTAAAGC TGAAGCAAC TGTTTTTCTT
190901 CAGTCTTTAC TGCAATCCTT TGCTTTACCT AATGGCCCAA TATATTAGGA
190951 ATATATTAAC TGTCTTATAT GAGTATCACA TGCTATCAA TAACCTGGTG
191001 TCATTACAAT AATGATATAT TGTTATGCT GCTTAGTTGT ATATATGAAG
191051 GTAAATGTAG CTATGTTTAA TTATACTCGG TTAAGTACCC AACAAAGAGA
191101 GATTGAAGAA TTCTTTTAA CTAGAGTAA ATGTTCTGAG TTGAAAATAA
191151 CCTTGAAAA TCCACTTTC TCTCTCTCC TCTCTCTCTC TCTGGTACCA
191201 GTATACAATG GCAACAGATC ACAGAAGTCT TTCATGCAGA AATGGGAGAT
191251 CAAGACCCAT TTCTATAGGA TTTGTTCTCA GGTCTGCCA TTGTCGTATT
191301 GAGATCTCAT GAGAAATCTC TAAGAGTCAG CACACAGAAC AAGAAAACAC
191351 ATGCTGTACT ATTATACACA GGCAATGTGA CTTATCAGGA GAGAGTTAAT
191401 ATTTAAATAA CTTCAAAATA ATAAGTAAAT ATTACAAAT CATTGAATAC
191451 AAAATAGCAC TAGACAGTTG TTATTACAGA TCTAAAAGTA AAAATCACTT
191501 TCAATGTTT GGCATACTTT TATTCTCTAA CAATTTACCA TTTGTGTAGA
191551 GTTAAGCTTC TCTCAAAACA AAAAGTCTTG TGACATAATT ATTCTGATAT
191601 AATCTTAAGG AAATCTTCAG CATACAAAA AAAGGTTTTG GTGCATGTTA
191651 TTTCAAAATC CATTCATGCA TAACAAAGAA CATGCTCTTT CTCTGAGGTT
191701 TCCTGTTGAA TAGATTAGAG GAAGAAAATA CTTAGGTGAA TTTATTTAAT
191751 AATTGATAGT GGAAATAGAG TCTTAATGAA ATTTCCATCT TCCTGAAACA
191801 TGAATCTGT ATTTATTACT TCTGTTATTA CCTAATACTG ATGTATGTTT
191851 AATTGTTTAT TGTCAGAAT GACATGTGAA ACAATGTCCT GCCAAAACCT
191901 GGAGAATCAT GTCTGAGCAT TTTATATGTA GACATAAGTA AGCAATGTG
191951 TAATGAGTGC TTAAATGGT TATAAGACAT CTACTGGAAA CTTAAGAGAA
192001 GTATCTTCCC CCACCTCACG TCCCACCACC CAGAAAAATT TAGGTAAGCT
192051 CTTAAGAAG GTAGCATTG AACTGGTCTT AAATCAAGAG TGAGCAAAAT
192101 TTTTTTGGGG GGGTGGTAAA GGTCTAGATA GTAAATATTT AAGACTCTAT

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192151 AGGCCAAGAG ACAAATCAT AAAAAACAG GTGGAACCT GGATTTGGCT
192201 CTGGGCCACA GTTTGTGAC CCCTGACTTA AAAAGTAAGA TATGGATTGG
192251 AAGGAAAAGA ATATTCTAGT CTGAGAAAA GCATAAGCAA AAGCACAGAG
192301 ATGTGTATTC ATGGAATGCT AACAGGCACA TGGAGAAAGT AGAGAGAGAG
192351 GAAACTGGAA ATGTATTGTA GGCTAGACCA TGGAGAGCTT AGCATGATGT
192401 GGTTGATATG GTTTGGCTCT GCGTCCCCAC CCAAATCTCA GGTGAAATTG
192451 TAATATCCAT GTGTTGAAGG AAGGACCTGG TGGAGGTGA CTGAATCATG
192501 GGGGCGGACT TCCCTTTCC TGTTCATG ATAGTGAGTT ACTTCTCAGG
192551 AGATCTGGTT GTTTGGAAGT GTGTGGCCCT TCCCTCTTTG CTTTCACTCT
192601 TTCCTCCAC CATGTGAAGA TGTGCTTGCT TCCCTTTGC CTTCCACCAT
192651 GATTGTAGGT TTCCTGATGC CTCCCAACCA TGCTTCCTGC ATAGCCTGCA
192701 GAACTGTGAG TCAGTTAAAC CTCTTTCTT CATAAATTAC TCAGTCTCAG
192751 GTAGTTGTTT ATAGCAGTGT GAGAATGGAC TACTACAGTG TTAAAGTTTA
192801 GTTAATGAAA AAATACTGCA AGTTTATAAT AGGTAATTCA TTAGTAGCAT
192851 TTACCAATCA CTTCTTATGA ACCAATATTA TGCAGAATTT GACTCCAGAT
192901 CCTATATTCT AACTCCTATG ATTTACTTAT CTTTATGAAC ATCATTAATT
192951 CAATAATGT TTTATTAGTA CCCACCACAG GCAAACCTAGG GATATGACAA
193001 TACATACAAC ATAGTTCTTA TTCCCAAGGT GTTTAGGGTT TTTTGGATCA
193051 CAAACTACAA AGGGATATGT ATTAGTCTGT TATCACAAGT CTAATAAAGA
193101 CATACTCAAG ACTGGGTGAT TTATAATAGA AAGAGGATTG ATTGACTCAG
193151 TTCAATGTGG CTGGGGAGGC CTCTCAATCA TGGTGAAGG CAAATGAGGA
193201 GCAAAGTCAC GTCTTAAATG GTGGCAGGCA AGAGAGCTCG TGTAGGGAA
193251 CTTTCATTTA TAAACCATG AGATCTCATG AGACTTATTT ACTACCACGA
193301 GAACAGTATG GGGGAAACCA CCTTCGCGAT TCAATTATCT CCACCTGGCC
193351 CTGCCCTTGA CATGTGGGGC TTATTACAAT TCAAGGTGAT ATTTGGTTGG
193401 GGACACAGCC AACCATATTA GGATATAAAC ATAAAGAATC TGTAATGTG
193451 GCCACACAAA TTTAGGGATG ACCCCCATAG TTTTAAACA ATTAATCCTA
193501 CATACTGTGA AAGCCTCATA TGTAATAGGG GCTAGCTGCT TTTTACTGTA
193551 GCTATTAAAGT ATAACATATC CCACAAAACA CACTGGAACA CATAACACAC
193601 AACACACAAA AAAACACGTC AGAGCCCTGG TTGAGTTAGT TTAGGAGACT
193651 CGGGCAACCC TGGGCAACTG TAAATCTCTT AGCAGTTTGG GCTATGAACT
193701 ACTTAACATA TTAACATGAC ACCCATGCCA TTAGGTGGAC ACATAAACTA
193751 AGGTCTCTTA TCTTTCTTT TTGGAGCCAG CAACCTCATG GCCCTGGGAA
193801 GTCCACATTG AAGCCCTCT GTATTTATTG GTACTACTGA CCGACTTTAG
193851 ACAAGTCTG TATGTATTTG TTTTCTATTG CTGGGTAATG AATTACCACA
193901 AGGTTATCAG ATCAGGTAA AACAAATACAC ATATATTATC TCATAGTTCT
193951 GTAAGTTAGA AGGCTGAATG GACTCAGCTG GGTTTTTTGC TCAAAGTTCA
194001 CAAGGCTAAA ATCAAGATGT TACCCAGCCT GGGCTCTTTC CTGGAGCCTT
194051 TGGAGAAGAA TCCTTTTCCA AGCTTATTCA GGTGTTGGC AGCATCTAGT
194101 CCCTTGCAAT TGTGTATCTG ATGTCCCTTT TTCTTTTTTT GCTGTCATCT
194151 GAGGGCTGCT GTCTGCTCCT AGAAATCACC CACATTTCTT CTCTTATGGT
194201 CCCCTTTGTC TTCAAACCTG AACACAGTCA TCAAGTCCTT CTTAGAGTTT
194251 GAATCTCTCT GTTTTCCCTT GCAGCCACCA ATTAGAGGAC GCTTTCTGCT
194301 TTTGAGTGCT CATGTCATAG AATAAGCTCA TTGAATAAAC TTCTCATCTT
194351 AAGGTTAGCT ATGCTTAGCT ATGCCATGCA ACATAACACA ATCACAAGAG
194401 TGGTATCTCA TTATATTTCA GGTTTTGGAG ATGACAGCTG ACATCTTTGA
194451 GGGAAGGGGC CGTTCTGTAG TGTGGAGTGG AAACAAATGG AGAATAGAAA
194501 GAGAAAGCAG TAAAGAATA GGTAGAGAGG ACAACATAGG TTATGGGCTC
194551 TGAAATGCAT AATATACCAG ATAAATTCAT CTTCTCTAT TACAGTGTGA
194601 TGGATCACAT TGATGTATGA GAAGCAGATG CAACAGTGTT GTATTTTAGT
194651 AAGGCCTTAC TCTGTCCTAC GTGGGCATTC TCAGTTCTAA TATATACAGA
194701 TAAACATAA ATATATTTGC AAATATAAAT CGCTTATTGG AACTCTCTTC
194751 TTGTTTTTCC TGGCTTGAAT CCTCAAAACA TGGTATGTTT TGCTGTATAC
194801 ACTGAGTTGA CAAACTAGT TCTTGTATAA TTTGACCACA TGGATTGTAT
194851 ATCTTTTCAA GCCCCTATAG ATTTACGGT GTTTGGAAC CACTCATTTA
194901 TGCTTTTGTGA GAATTAGATG GGCAATAAC TGTGACTGGC TTATCAACAG
194951 GGAAAAGGGT GATTTGTGTA GATCGAGAGA TGTGTTACAT GAGAAGTTCA
195001 AATTCTCTCA CTGGACAGCA ATGTAAAAC TTTCCAGGA AAACATACAC
195051 TCTCTGGGTG TTACCAGAAA CTCTCAGTGT GACCTCATTT GGGAAAGAGG
195101 ACAGAGAGCT GGAGGAAATG GATACTGTTG TACATTCTAC CCATGCTCAA
195151 TGCATAATGA AAAATAATGA ATTGACTTAT CCTCTTTTGC AAAGGAAAGT
195201 AGTCTCTAGG AAAGTAGGGG AGAAATACAC ATGGTTTATA ACCTAAAAAA
195251 GTCTAGATAA AGTTTCCCAA GATTTACAAA ATCTGAAGAG CAATGTCTTC

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195301 TTTAATTTTA ACGTTTATAG AGATGATATA CAGATGATAA GAGTTCACAA
195351 CATTCCTAAAT TTGCAAATGA CCTCAGATCA GCATGGTACC TCTGTTCCAT
195401 GGTGAATTTT TTGTTTAAAA ATTACATTTT GTAATAGGCC AGGTGTAGTG
195451 GCTCATGCCT GTAATCCCAG CACTTTGGAA GGCCAAAGCA GGTGGATCAC
195501 AAGGTCAAAA GATGGAGATC ATCCTGGCCA AGATAGTGAA ATTCGGTCTC
195551 TACTAAAAGT ATAAAAATTA GCTGGGTATG GTGGCACGTG CCTGTAGTCC
195601 CAGCTACTCA GGAGGCTGAG GCAAGAGAAT CACTTGAACC CGGGAGGCGG
195651 AGGTGTCAGT GAGCCAAGAT CACGCCACTG CACTCCAGCC TGGTGACAGA
195701 GCAAAATTCT GTTAAAAAAA AATGCTTCAA TAAATATAAA CTCAAATCAA
195751 GCAGAGGTGA AACAAAGTAG TGCCATGGGG ATTTTAAAA ACATAAATAT
195801 TCTCAAACAT ACACTGATTT TGCTAAAAA GAGCAGAAAA GTTGTACTTA
195851 TTGCAGAGAA ACACTAGTTA AATATAAGTA GGCAAAATGG TAATGATTTT
195901 TAGAAATTTA TATATACACA CACACATATA TTGACTAAT TTTATTGACA
195951 AGATCGTTAT TTTCTAAGGT CAAATAACCC TGGTTAAATA GGCATTCTGC
196001 ATATTTTGCA GTGTTAGTGA TTTAATGAAG CAGTGTGTTA AATATAGTCT
196051 TCACTTGCTG TAAGGAGGTT TAAAGGTTTT TGGAGAAGAT AAATAAAAT
196101 AATTAAGGAA AAAAATAGGA CCTCTGAGGA AAGCAATTAG TGTCATTTTG
196151 TTTGAAAAAG ACAAAAGCAA GAGGTTTCTT CCCCAGGTA TGTGACACAT
196201 TAGTACAAAA AAAGAAGTTT ATTCTAAATT GTGACTGCTT AACTAAAAGT
196251 TGTATTAAAT ATGAATGGCC ATTATCTCTT ACTAGCGAAG TATTGATAGA
196301 TAAAACTTTA TATTTGTAAT TTGGATAAAT CCTAATGTTG GTCAGATTTT
196351 AAACCACTGA AGTACCGTTT TGGTTATATT CAGGACAGGA TGGCTTAGCT
196401 TACCATTTTG GACAGAAAGA ATTGTAGATA TGTTGTGATA GAAACTAAGG
196451 GAGCTTTTTT ACTGATAAAA ATAAATAGAT CCAATGTATA ACGCTACTGG
196501 GTATTTTCTT GGGGTGGGAT CATTAGTCAC TTTTAACTAT TTTACGTGGA
196551 CACTTTTATT AAAAAAATAA GAAAAACTTT AATGTACTAA AAAGACACAC
196601 CACTATCAGT TTCTTCTTAT TTAATCACT TCTTACTTGC TAATTCCTT
196651 TCAGAGAAAC AGGTTATTTG TTGATACTGA GTGGGTCATT GTAAATAGCA
196701 CAGATACAGC GCAGTCTTTT CCTCAAGTCC ATTTGTTTTT CTGAATTTGC
196751 CCAAGGACT TCCTTTTACC ATGGACAGTT GATGTGGGG GCGGGGGTAG
196801 GAGGGAAGAG CAGGTAAGAA AGAAACATAC CACAGAAAAG ATAGTTAAGA
196851 GGAAAGAGC AGTATGGTGG TGAATCCAAG CCCATAAACT GAAGAACCAC
196901 GGTGTTGGCC CACTAAATAA CGAGTTAGAA CTTTCCATTA TAATGTCCC
196951 TTTATCCCCT GAGTGTCACT CACTATTTTT AAAGGTCCAG ACAACTCTTA
197001 CCTACTAATA TATCAGTCTG CTCAATTAAT CATTTTCTT TTTTCTTTT
197051 TTCTTTTTTT TTTTTTTTTT TTTTTTTGAG ATAGAGTCTT GCTCTGTCAC
197101 CAGGCTGGAG TGCAGTGGCA TGATCTCGGC TCACTGCAAC CTCCACCTCC
197151 TGGGTTCAAG CGATTACCT GCCTCAGCCT CCCAAGTAGC TGGGACTACA
197201 GGTGTGCGCC GCCATGCCCT GCTGATTTTT TGTATTTAGT AGAGACGGGG
197251 TTTCAACATG TTGGCCAGGA TGGTCTTGAT CTCCTGACCT TGTGATCCAC
197301 CAGCCTTGGC CTCCCAAAGT GCTGGGGTTA CAGGTGTGAG CCACCTCGCC
197351 CGGCGGTTAA TCATTTTTCT TTAACAATT AAATCCACTT TACTTTTTCC
197401 ATAATGTAAA TGCAATTTCA TTTCAGCTAT AAATTTTCAC AAATACTTTT
197451 CCTAATATTT ATACTTTAAT TTACTGTGTA ATTAGAGTAA AAAATATTCT
197501 GAGAGTTTTT GTTTTTTGT TTTTGGGTTT TTTTGTGTTT TTTTGCTTTT
197551 TTGPTTGTGTT GTTTTTGCAA ATAGGTTCTG ATAAATTCCT CAGTGTGCTA
197601 GCTAAAAAAA AAAAATCAAT AGTCTGAATG GTCATCACCT GGGGCTGCTC
197651 TGAGCCAGTC TGCTGCCCTG CTTGATACAA AAAGTTTGGG AGGTGAACAG
197701 CGTTAGCATT ATTTGATAAA AATTACCATA AAACACTGGA AGGGCAATTC
197751 TTAGAGTCAT TAAAAATTTT CAAAGGAAGA AATTCTATTA AGTCTGGATT
197801 TCTCTAAGTA ATAGCTTGGG CTGTGTAGTT TCAAGCTTTA ATTGCATAAA
197851 TATTTCTATT TTATCTCCAT TGCACTCCAT AAAATATTCT TAAAATTCTC
197901 AAACCATATG CATTCTTTCA TCTTACATTT CCCCTAGTGC CCATAATTTG
197951 ACCAGCATGT TATGCCTGGT TAAACTGTTT CAGCTTAAAA TTAAATACAG
198001 TTGGATATCT GTGGTGTGTT CTTTAGCATT TGTCTGGTTA CTTAGTGCTT
198051 CCTCCAGCCT CCTGGCTATC CACTCTCCAT TCTACAGGAA TAGCAAGAAC
198101 ACAGCTGCAT GATGATGTGG ATTTTGAGTT AGGCAAGTGT CACTGCAGCC
198151 CTAAAGCACG TCTGTGGCTT CCAACAGATA TGTACAGGTG TTTCTGCTGC
198201 CAGGTGTTCT CTTGCTCCTA GGAGCCACCA CAGTGTGATA TAAATGAAAG
198251 ACGTCTATA ACAGCAGAAA TGGTCCTCCA TGAATCATC AACTATTGAC
198301 AACAAATACAT TTCTCCAAGA GCCCACAATG TATGCTATGC CTTTTCCTGT
198351 GGAAGTACTG TGATTAGCTA AACTGAGAAT CTTTCAATTA AGTAACTCAG
198401 AAATATGTGC AATATGCCTC CTGCACATAA GACCTTGTA TAGGGTCATG

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198451 GTACATACAG AGACAAGATT CAGAGACAAG AATTAACCTA AGGGCTGTAC
198501 AACTCATATG TTAAATTTTA AGAAAAGCAT GTACAAATGC AAATTTAAAA
198551 TAATAAATAT TAAATGGCAA GATAATGATG TAAAGGCAGT GTTTTAGCTC
198601 AGTGCCCTAAC AAATGGGATA ATCAATACAT ATTTATTGTT GTAATTAATA
198651 TACTAGCTGA GTTGTGATTA CAAATTGAGT GCCTTAAGAG TCCAGACAGA
198701 AGCCGCTCACT GTGAAGTATT TAATTGTGCA AAAATACTAA GGCTTGAGAT
198751 CCTGAATTTA ACCACAGCAA AAACCTCTCGT ACTCTATACT TATCTATTGG
198801 AATTTATTGG GCTGAAGAGT CTTTAGTTTC ATTTGAAATA TGTCTCTGA
198851 GTGGCCAGAT CGTTGTCTCG CTTCTTTATG AACAAACAAA ATAAAAAATC
198901 CATTGGGGCT CCATTGAAAC TGAAATGGCT AAGAAAGGCC TTCCAGTTAT
198951 TAAATATATC TAAATTCCTC AGACTCTATG TTCATATTTT TAAATTAAGC
199001 TTTTATTCTT GGGATAATTA TAAAAAAAT GCAGTTGTAA GAAATAATGT
199051 AGAGAGATCC CATTTCCACC AATGATAACA TTTTGCAAAA CTAGTTTCCA
199101 CCAATGATAA CATTTTGCAA AACTAGTTTC CACCAATGAT AACATTTTGC
199151 AAAACTATAC TACAAGATAG CACCCAGAAT ATTATCATG ATGTAATCAA
199201 GATACAAAAC ATTTCCCTCA CAACTAGTTT GCCTGTATAA TCACTTCCCA
199251 ACCCCTTCCT TAATCCCTGA CCTCTAGCCT GTTCTTCACT TCTGTAATTC
199301 TGTCATTTCA AGAATGTTGT GTAAGAGGAA TAATATACTA TGCAATCTTT
199351 TTTTTTTTTT AAATACAGAG AAGGTCTCAC TATGTTGAGG AGGCTGGTCT
199401 TGAACCTCTG ACCTGATCTC AAGGGCTCCT CCCATCTCAG CCTCCCAAAG
199451 TGCTGGGATT ATAGGTGTGA GCCATGCCAC CTGGCCTAGG AATCACATAC
199501 AATGTAATCT TTTAGTAGTG GCTTTTTTCA GTCAGCTTAA TTTTCTGCAT
199551 ATTAACCTAG GTTTTTGCAT ATATCAGTAG TTCATTTTAT TGTTGAGTAG
199601 TATTCACGTA TACACATGTA CCATAGTTTG TATAACTGTT CATCTGTTGA
199651 AGGTAATCTC TGTTATTTAT GGGTTTTTGGC TATTATAAAT AGAGATACCA
199701 TAAACATGTA TGTACAGGTT TTACATGAGC ATAAGTTCCA GGAAGTAAAT
199751 TGTTAGGTCA TGTGGTAGTT CTGCGTTGAG TTTTATAGA AATTGTCAAA
199801 CTGATTTCCA TAATGGCTGT ATCATTATAC CTTCCCATCA GCTATGCTG
199851 AATGATCTAG TTTTCTAAC CCCACCAGC ATTTGGTTTT ATCAATATTT
199901 TTTAGTTTAG CCATTTTGAC AGATGTATGG TGATATCTCA TTTTGGTTTT
199951 AATTTGTAAT TCCCTAATGG CTAATGAGGT GGAACTTTTT TCATGTGATT
200001 ATTTGCCATG TGAATATAGT TTTCACTGAA AATCTCTTCA TGAATTTTAT
200051 CTATTTTCTA GTTGGGTTGT TTGTTTCTTT CACTAGTGAG CTTTGAGAGG
200101 TCTTTACATA TTCTAGATAC CAGTCCTTTA CTGGGTATGT CATTGCGAAT
200151 ATTTTCTCCC AACTATATC TTGTCCTTTT TGCAGTAAA AGTTTGTATA
200201 TTAACAAAAT CCAAAATTGTC AATTTTTCCT TCCACGTATC ATCTTTTGGG
200251 TGTCAGTCTT AAGAATTATT GCCTATTCTA GATCCTGAAG ATTTTCTTCC
200301 ATGTTTGGTT CTAAAAGTTT TGTAAGTATA CATTTTACAT TTAAGCCTGT
200351 GATACATTTT GAGTTAGTTT TTGCACAAGG TTTGAGACTT GGGTCAAATT
200401 TCATTTTTTT TTAATGTATA TGGGATGTCC AATTGCTCCC ACTTCATTG
200451 GTGAAAAGG FATCCTTCTT CCACTGAATC ATTTTATATA CTTAAAAAAA
200501 ATAGGCAGGC ATATTTATGT GGGTCTATTT CTAGGTACTG TGTTATATTC
200551 CATGGATCTA TGCATCTATG CTTCCACTAA TAACATGCAA TCTTGATTAG
200601 GGTAGCTATG TTATAAGTCT TGAAATCATA TAGGCTAATT ACTTCCATTT
200651 TAATCTCTTT CAAATTGCTC TAAAACTATT CTAATTCCTT TGCTTTTCAA
200701 TATAAAAATT CATGCAATAT TGTCTATGTC TACATAAAAA ATATTTTGCT
200751 GGGATCTTGA TAAGAATTGT GTTAAACCGG TATAGCAATT TGGGGAGAAT
200801 TGAAATAGTT ACTATTGAGT CTTCCAATCC ATGAACACAC TTTGTCACTA
200851 CATTTATTTA AATATTTGAT TTTTAAAAAT CAGCATCGTG TAGTTTCTGG
200901 CACAGAGGTG CTATACATTT TTGTTAGATT GACACCTAAG TAATCTTGGT
200951 AGTGATTGGA AATGGTGTTA CATTTTAAAT TTTGGCTCAT GGTAGTATA
201001 TAGAAATATA ATGGGGCTTT TGTATATGTC TCCTGTGCCC TTACTGAACT
201051 CATTATTAGT TTCAGGAGGG ATTTTCGGCA GATTCCTTAG GATTTTGTG
201101 TGCCATCAAT CATGTGTACT ACAAATAGGA ACAGTTTTAT TTCATCCTTT
201151 CCAATCCGGA TGCTTGTGCT TCCTTTTCTT GCCTTATTAC ACTAGAATTT
201201 CTAGACTGTG GTTCAATAAG AGTTGTGAGA TTGGACATTT TTACCTTGTT
201251 CCTAGTCTTA GGGGGAAGAC ATTCAATCTT TCAGACTCTC TGATATTGTA
201301 ATTTTGTGAT TATGGTTAGC TTTTATGTCA GCTATTTTAA TGCTTTTTTA
201351 AATTTCCATA ACAGGCCAGG TAAAGACTAT ACTGAAAAAC CTTCTAATGT
201401 GCTACTTGTA TGCATGAGCT TTGGGGTTAG TCAGGACTAG CTATGATTCC
201451 TCACTCGATC CATTTCTAGT AGTGTACCT TGGGCAAGTT TCTTAAACTC
201501 TCTAAGTCTC AGTTTCTTCA TCTGCAAAAT GGTACAATGC ATTCATTCAT
201551 TCATCCAATA AATGTAAATG TAATATTTTT AAAGAATTGA TAATAAAAGT

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201601 GCCTACCTAT CTCACACAAC TGTGAGGATT GAATGAGATA ATGCTAGTAA
201651 AATGATTAGC ACAAGGTAAT AATTTAAATT TTAGCTATCA TCACTGTAG
201701 TGTAGATAA AATAGTGTG AATGAAAGAT TCTCTGTAA GAATGTATTT
201751 AGTTGTTCTC AACTGGGATG AAAAGAGTGA TCTTTCTGCA ACACCAAGGG
201801 ATGTTTGTTA ATGTCTGGAG ATATTTTTGG TTGCCACGGC TGGTGGTAGG
201851 GGAAGTGTG CTATTAGTAT CTAATAGGCA GAGGCCAAGG ATTGTGCTAG
201901 GCATCCTACA ATGCACAAGA CAGCATCCCC GATAACAAAG AATTATGAGT
201951 AAGGTTCAAA TGATAATAGT GCCAAGTTTG GCAAACCTGA TTTATATGGA
202001 TAGATGTCTG TCGCTGAATA TGTTAAAAAT AGCTTGCAGT TCACCAGTGA
202051 ATTTCCATTT CCCGTTTAAT GCTTGGACTA AACCTACTTT CTCTAGGCCC
202101 TCTTATCGAT TGGTCTCCCC CAGTTTAGAA CTGCCCTTAG TCTGGTATGC
202151 TTTCAATTAT TTATTAATTT ATGCTTAATG ATCTGAGTTG GGTCAACAGC
202201 CAGAGAGTAA ATGTTTGCAC ACAGAAATTT CATATTCCTT GGAAATAACT
202251 AACTCCATTT TTCTAGTACA TATTGCTGAT AGTCATCAAA TACATTTAAT
202301 CACGCTTCTT TCGACTTTGA TTTTTTGATC TTAGATGCTG GTTACTTTTT
202351 AAGCTCTTGC TCTTTATTAC TATTTTCATCA ACCGTTTCTG GTTAATGATG
202401 TGACATGTTG TTTATCAGTA AGGTTTCTGTA ACAGTGTCTG AAATTTTCTC
202451 TTCTGCTTTC AAAATGCAGA AATTTAATTT GTTGAACCC TAAGCCATTA
202501 ATATTTTCTG TTAAGGTAC TCCAAACAGC AATGCATATA AAATGACCTC
202551 ATATTGATAT TCAAAATCAAC ATTTGAAAA CTGACTTAAA AAATCAGTAT
202601 AAAAAATGCA AACTGATGATT AAGTAAAAAT CCTTTCCCAA GGGCACCAT
202651 ATAAGGCAGA ATCTAATTTT ATGTGCCTCC AGTGACTGTT TTGTCTTCTC
202701 GTGAGTTTGT TCATTGACCA TAAGCACTTT TATAGCACAA TCCTTGGTAT
202751 TCGAAGGTAA AGCTAGAAAT GTCCAAGGAG TACCTCCAGA TCACGTTGCA
202801 ACTATCACCT CAATGTCAAA AACAACTAG CCAAGAACTT TATCCTCAAG
202851 TATTATATTA TAGCTAGAGT GTGCTTCCCA TTGAACGATA AAATGTGAGG
202901 GGTGCATCCT ATTTAAAAAA TGCTCCTCCA TAGGCTTGCC ATTGATTCTG
202951 AATTCCCTCA ATCATGGTAA CCCCTTTGAA TTAAATGTC ATTTCTCACA
203001 TGATACTATC AAAAGATAAT TCAAACACAA GCACTAAGAG ATGTAACACA
203051 CTACAACCTT TCATCAACTT ACATGTAAAC CAGCATGTTA ATGTCTGGAT
203101 CTGAAGGAGC TAATAAATCA CAACAATCTC TTCTCTGTCT TCCAAGATC
203151 AGATAGAGAT CAGCACATCA ATTTTCTTTG TTTTGTTTTT TTAATCAAAA
203201 TTGTATATAT TTATGATGTA CAACATGATA TTTTGATATA CGTCTACATC
203251 ATGGAATGAC TAAATCAAGC TAATTATCAA AAGTGTTACC TCATATACTT
203301 GTTTTATTGT GAGAACACTT AAAATCTACT CTCAGCATT TTAAGTATAC
203351 AGTATGTTGT TTCTAACTAT TGTCAACATG ATGTACGATA CAGCTCCTAA
203401 ACTCATTTCT TCTTTCTAAG TGAAATGTTT TATCCTTTGA CTAATATATC
203451 AGTTGATAGC ATATGAGCTT TCTAATTAGT TAAATGGATT AGAGAACAAG
203501 GCTTAGATGT TTGGCCACTT GGAACATATCG GGTATGTTTC TTCCACTAAT
203551 GCAAGATGAT CCAGGGGATA GTCTGCCAAG CAGACACCTA CATGGAAAGT
203601 TGCAAGGGGA ATCACTGCCT TACTCCACAG GCCCTGGCAA AGGAAAGAAG
203651 AACAGGTCAC ATAGGGAAGG ATTAATGAT ATGGAAAGAG ACTAGAAATG
203701 TGGAAATTCT CCACATGAAA ACAAGAGGAT GGAATTTCCC TAACCATTAA
203751 CATGGAAAT GGCACATATCA ACTTTACAG ATGAGAAAAA GAGGTGCAAG
203801 AAGGCACATT TTGATGTAGG CAAAGTCATG GGGGATTGTG AGGAGTAAAG
203851 AAGAAAGAAA AATCCAATAT TGAATTTTCT TGATTGAGCC TCTAATGAAT
203901 TCCTTTAAGG GGACTCCTAT AAGATTCCAT AGTTTGAAAG AATGGTGGGG
203951 AGGGTGGTGG CAAGCAGCCA AGTGTCCCTA GATTAAGTGA AGAAACAGAT
204001 TGAATAACTG CAAAGTGTTG ACAGTAAAC TGTAATGAC AAAGCAAGAT
204051 CTATTACTCA GTAAAATGTA TCAGGCTAGC CTTGCAGAGC AACATTCTA
204101 ACTTGGGCCA TTGAAGGAAA ATAGAATAAA TAGCTTTGTT TTCTACCCTG
204151 AAGGGATTTA TAGGTAAATC CTGTGATGTT ATTTGCTTCC ATCCATGTTA
204201 ATGAAATATA TTGCTTCCAT TTGTGTGAAA AAATACCTAA AAGCAACAGA
204251 ATATGATCAG TTTATTAATA TGTGCACTTG TGATGTGACA TGAAGTATGT
204301 GATGACTATG TCATGTCAAT GAACTTTTAT GTTCAGTTTT TGGTTTGGA
204351 TTAAAATGCT TATGCTTTGA ATCATCCAGG CCTGGCAACA AAAAAGAAAA
204401 TTTTATCTAG ACAGTGAAAA AATAAGAGCA TAAGAACTA GCCAAGGCTG
204451 ATTTTGCATG GATTAGGAAA CACGATGAGA GTCCAACAGC TAGCAGGAAG
204501 CAGTAATCGA CACGACATTG GCTCTCTGGT TGACAGCACT TGGCAACAGA
204551 TACAATGACT GTCTTACAAA CAGAATGATC CAGGTAAATG CTGGGCAACA
204601 TTCAAAAAA AATCTTTTCT CAGAAGAAGA TGAATGTTTT AGATACATAT
204651 AATAAATTCT TCTTTCCGT TTCTACCTTT GGCTGAGATT CTAATTTACC
204701 CTGATTTGAT AGTGCTAATT TTAGGCTGTC TTCATGAAAT AATACCACCC

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204751 CACAAAATCT TGTGCGCAAA TGGAAAAAAA ATGTGCTAAA TAAATACTTC
204801 ATTTGAACAT CAATTTGGAA GGGATACATT TTATGCATAG ATACTAAAAT
204851 ACCTGAAACC AAAGTAGGTG TCAAAAAGGA AGCTCTAATG AAATGGACAT
204901 GGGCTCTTCC AAGAGAGGTA AAGTGAGCTT TTGATGTATT TCGTAAAGTG
204951 AGAAAAAGAA TTATTCGTAA GAGAGAGCCC ACTAAGGAGG CATATTTGAT
205001 AGCTTTTTCT GGCAGCAAGA TGTTCCTCAA AATCCCTCTG GCTTGTGGAT
205051 GAAACTCAT AGGAATTTG AGCTTTCTTG TGTGAGAAAA CAACAGGGTT
205101 TTCAGCAGCT TCTCATAAGT TAAAAATTTC AAATGTTTAA TAGCAAAGAA
205151 CTGCACCTCT GCTGAAAATT TTGTCAGTGG TCATTTTGCA CAAGATAAAA
205201 TGGAGAAACA TTCTAAGTCA AGATTTTGTC TTTTTCATTA GGCAACAAAG
205251 ACAAAGAAGA GGTGAATAGA TCACAACCAA CATAGTTACT ATTCAAAAAG
205301 AATTAGCAGG AATTGTGATT CAGATATGTG CATGGCAGCA ATTTTAGGCC
205351 TGTGTGGGTG GGTGTAAAAT CAGCACTGAG ATTTGCAAAA CTTTAAAGCC
205401 AAAAATCTGG ACTAAACACA TAGATTCTTG AGGCAATAGA TAATTCAGAG
205451 CACCCAGAT CAATCTGGAA TAAGCAATGA TTACACATTC TGAAATAGGC
205501 AACAGTTCTA TAGGGAAAGA GACCAGAAAA AGTATAGTAA TATCTTGGGG
205551 ACCTATTATT ATTATAATTA TTTATTATTA TTCCCAAGAA TGGCAACTTC
205601 ATTTCAATTC TCTGCCACTG GATTTTGAAA AACTTAAGGA GACAACTGT
205651 GTCTTACCTA TTTTATATCC CAATGTCTAG CTCATATCCT GGCATACATT
205701 AAATATTTCG TGAGAATTGA AATTATAAAG CAACTGCAGA TTATGACCTC
205751 TGGGTCAGAT ATGCTAAATC AGCACTGTCC AATAGAAATT TCTGGAATGA
205801 TAAACTTTT TTACTGTGTC CAATATGGTA ACTACTAGCC ACATGTATCT
205851 ATTAAGCAGT TGAAACATGA CTGGTATAAC AGAAGAACTG CATTATTAAT
205901 TTTATTTAAT TTGAATTAAG TAAAATGTAA AATTAAGAAT TAAGTAGCCA
205951 CATGTTAGAC AGTGTGGTGC TATATTTTAC AAAAGAATAA AGAGAACGGA
206001 AGGTGTTGGT TTTCTGACTA TTTTAATATT TTTTGACTAT TGTCTAGCTA
206051 CCCTCCCAAT TTGTCATCTT TCATCAAGAA ACCCAAAGTA AAGAAAAATA
206101 GTCTTATATT TCAAGTTAGT GAACAGTGAC AGGTCTTTTT CTTATTGACT
206151 TTCATTGACT TTCTTTTGCT TCCTATTCCC TCCTATAATC TTTGACTCTG
206201 TCTATAGCCA AGCATAATGG AAGAATACTA AGCACACAGA CCTGCTGGAC
206251 TTGCACCTGA ACCGCGGAGA CATTCTTTAA GGCCCTGGGT CTCAGTCCCC
206301 TCATCGGTGA CATAGAGATT ACAATGCTCA CCTGATAGGT TGGCAGGAGG
206351 ATTAATGGCA ATATTCTTAG TTCCTGCTGC AACACTTACA CATAAAAGGC
206401 AGTAAATTGT AGCTGATACT ACTGTAGTTG TTGCTAGGAT AAGATAATAT
206451 GCTAATTGCT GTGAAGATAT TGAAAGATAT AGTTAAGTAC CAATATTTTT
206501 TCTGCCCTTT GTCAATATGT CCCTTGTCOA TACGTCATCC TAGCTGCTGA
206551 TATAAAGACG GCATGCCCTT CTACCAGGAC CTGCGTGCTT TCAAGGTCTC
206601 TGTGTTACCT ATACAAAGAA AGAGAACCCT GTGTTACCTA TATTTTCATA
206651 ATCCTAGCAC AGAGACTGGT ATTTAATAGT ATTTAATACT GCTTTAAAAT
206701 GATTATTGAA TTTAAATGAT ATAAAAATAT AGTATTTACT GCTGCTGCTA
206751 AAGGAAAACA ATGTCTTAT AGTACACAGC GATGAGTAAC AGCTATGAGT
206801 AGAAGATATG ATGAACAGAA AACATCCCAT TAACTATAGT AACATTAAAT
206851 TCCACACAAA CTCATTCGTT ACACACACAG ATAAATACAT ATTCTAGGAA
206901 AATGTTTAAAC AATAAATGGT AAGGATCTAT GTAAAGAAAA TTGTCAAAT
206951 TATATAAGTT ATTCAATATG TACAAAGATT TCAGTTAATG CAAAGGCATG
207001 CCTTAGTCCT GGATGAAAAA ATTCAATGCT GGAGAGAAGG GTAATTATTT
207051 TGAATGGCCT GTGGAGAATT TCTAGGAAAT TTTTGAAAAA TAAGAATAAA
207101 AAGATTGCCC TATCAAGTAT TAAAGCAAAT TACAAAGCTG AAATGAGTAA
207151 ACAAATGTAA TGTAGGTACG AGAATAGACA CATAATATGT GGAATAAAAT
207201 GGATGCATTC AAAATGGCCC CTAGTAAAT AAGTTAACAT AGAAAAAGGG
207251 TCACCTGCAA AAAATCAGTT TACCATTCTT ATTTGGGCTG TATTCCAAAA
207301 ATAAATCTA GATGGATTAA GGTTTATAT AAAATGACAC CAAGAAATAA
207351 GATGAAAAATA TTATCTGATG GGTGTAGGGA AAGCATAATA AACTTTAAAG
207401 AAAGTAAATA ACATAGATAA CAACTAACAG TTATACATCT ACACAATCTT
207451 TCAGTGTTTT ATCATCATTA ACGTATGAAC AAAATTAAAT TATACACCAT
207501 AAAGTGTGAA AAAAGATTTC ATAAGCAGAA AGAAAGGGAA ATTCTAGAG
207551 TACTGCAGTT AGGAATTCTT TACCTTGGTT TAAATGGTGG CTGAGGCACA
207601 TGTAACATA CAACCTTAGC CTGATTATTT CGGCCAAGTT TATTTTCTT
207651 ATCTTTTAAA GGAAATTTG AAATAATATA TACCTTACAG GTTTAACAG
207701 ACAAATGTGA AAATGTATAA AACCCCGTG TGTACCTAA AACATAGTAA
207751 ATTAATAAAT GATACGATAG GCTAAAAACA AAAAGGAGTT AAGATCCTAG
207801 TTATATAGCT TTATGAATTG TAAATATTAA TATTAATTTT TTTTGTATCT
207851 GAAACTTGCA AATACTTTTC CAAGGCAGTT ACTTTCTGTG ACCTTTATTT

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207901 CTCTTGTATT TTGGAAAAGT CTTTCATTTT TATTAGCCA AATCTACCAA
207951 ATTTTTTCCT CCCACTTCTG GGTCTTGCAT TTTATTTAGA AAGTCTTTCC
208001 CTCCTTTACA ACTTTCTCCA TCTGATTATA AAAACATTCT CCTGTATTTT
208051 TATCTAATAT TTGAATTTTC AATTCATATA AAATTTATTT GTTAGTACAG
208101 AGCACTATAT ATGATCTAAT TTTGTTTCAT TTTAGATGGT TAGCTGATTG
208151 TCACAAGACC ATTTAATAGT CTATCCCCTC TTCAGGTTTT TAAATAAAGC
208201 TTATTTCAACA TATATTTATA TGTATTTATA GGTCTTTTTC TGGAATCAAT
208251 TCTTTTCCAT TGATCGATTA TGGAATCCTC AGCCAACCTC CCTGTTATAA
208301 TTACAATAGA TTAATATTTT GATCTCTTTT TAGACACCGT TCTTTATTGA
208351 AAGTTTCTTT CTAATATTGA ATATTTTCTT TTTCATAATG AATTGTAAAA
208401 TCAACTTATC AGGTCTCTATA AATATAATGT TGAGAGTTTG ATAAAAATA
208451 TTTTCAGTTT ATAGATTATT TCAAGGGAAA TTGATATCCT ATGAACTGA
208501 GATTTTAAAA TCCTAAAATT TGATATACTT CTATAATTAT TGAGTTATTT
208551 TCAGCACCAC ACAATCAGTT AAACCTGCAG CTTTCTCCAT CTAGGCATAC
208601 ACCTTCCTTT ATAATTTTCAT TCTCAAGTAT TTTATGCTGT GTTGTTGTTG
208651 CTATTACCAA TGATACTATT TTTCCATTAA ATTTTCTAAT TGGGTATTCC
208701 TGCTTTACGG AAAAGCTGTT GAATTTGTTA AACTTACCAT CTTGCTGAAT
208751 CATTTTATGT CTTTCAGTAG TTTTCAGTTG ATTAATGTGG ATTTGCCTAT
208801 TATATAACCT TATCTCCAAA TACGGGCAGC TTTTTCCTT CCTCTCCAAC
208851 ATTTATACAT TCATTTTTTT ATCTTCCTTT TTCTATAAAT GAATAAGACC
208901 TACATATGAT GTTCTCTAGT AGTTTTTTCC CTTACATTGG GTAGCAGGAC
208951 TGTTTCTAAT ATTTAACCAT TAGGAATGAT TCTTTTCGGC GTGGGTTTCT
209001 GGTAGATAAT CTTCAATAAA TTTTGGAGT TAATTCATAA CACTTTAAAA
209051 CAGAATTTCT TGCCGAGCTT TAATATTTCT TGTGTCAAAC TACATTTACA
209101 TTCTTCTTAA TCCTCTGTTA GTTCTCTTAC TCTCCCTGAC TTCAAATFCT
209151 TCCTTCTCAA TAAGCTATCA ATTTCTTCTT GTGATTCATT ATCATCTGGT
209201 GTTGTTTCTC ACAGTTACTT TTTAATTTTT TTCTATGATG TTTCAATAC
209251 TTTTGGAGTG TTATAACTAT ATTTACCAAC TCAGATAAAA TGGAATAAAC
209301 TTACATTATT CTATGATTTT AGCAATAACC TTTTCTTCA CAGATTTTTC
209351 TGTAATTCOA TATTTTAAAC AAAATCTTAT AAGTTAAAT TAAGAAATAA
209401 TAGTGTATGA ATTTATTTCA ACTTTACTCT TAAGAGTTAA ATACAGAATC
209451 TGTCCATTGA TAAGAAACAG TTCAGATACA TTTTTCCTT CCAAATTTT
209501 ACCATGCTT AACCACCCCCT GTTACACACA ATCATCACAG GGAGATCTGC
209551 TCTAATCAA AAATACCCAG AGACACAGGG AAAAAATGCA ATTTGCCTCA
209601 ATGTACAGAA ACAAATATGT AAAATGTAAA TGTAAGAGT CAGTAATAGA
209651 GTGGTATTCC CAGTAGGGGT ACAGGGCAAG CATCTCATCT GGTGAAAGTG
209701 CAGCAGAACC CTGTTACAAC ACAGTAAGTG GCAGCCTACA AAATTCATTT
209751 GCCTAAAATG CAGTTATTGC AGATAAATGA AATACCAGGA CAAACCTGCT
209801 CAGCTTGCAA GCCTGGTGT CTTGAAATCC AGCTATGAAA TCTCACTCTG
209851 CCCAGGTCCA GCTGCAGTTG AACTAACCT AGTAGTGGTC TTTCACTCTG
209901 GGTTTAATAT GAATGGTGGT GGTTCAGGG CCTGTGACAG ATAGGGAACC
209951 TCAGAACCAC AGCAGCCATG CCAGGACTCT CCCAGCTACC TGGAACCTGA
210001 TCGGGGAGAT TAGACTGGCA GAACACCAAG ACAGAGTTGC TTATATGTTT
210051 CCAACTTTTA CACTCTCCCA TTAAGATTAA AACTTTAGCC CACCTCCATC
210101 CTTAATGGGA GACCTATTTT PTTAAAGGTT ATTTTCTCAC GGGTGCTATT
210151 TTCCCTGGCT GACCCAACCT TTAGACCTGC TTAGAGTATA TTTAATGCAC
210201 TACATTAATA TTGCTAATCT GTGTTTAATC ACTGCTTTTA CTTTGAACAA
210251 CATCTATTAA TATCTCAAAA AAGGATACTT GGTACTCAGT GTTTTTATTG
210301 TCTAATTTTA AACCACTGCC TGAACAACCT ATCTTTTATG GAAGAAAGAA
210351 ATCCTAATTG CTAAAGCCAG TGTCTTCACC TGTAAGTGTA ATGACATTAC
210401 ATTTTTTTTCA CTTTCTTTCG GTCTTTTTTT TCCATGTCTT TTTTAAATGT
210451 TAGTTTTTAT TCCTCTTCTT CCCGCATCTA TTGGTTGTAG ATGTTCCCTGA
210501 AGGTCTTGTG CTTAGTGTAC TTCTCCCATC TAACTCCATA TCTTTTCCTA
210551 GATAATCTCA TCTAGCTTCA TATTTTCATG TCATAACAAT GGGTGTAATT
210601 CCCAGAATTG CATTTTGAAC CTTTATGCTC CTCTAAGCTC TAGATCCACA
210651 GATCCTATGG CTATTGTTTA TCTATTTGTA GGACTTTGTG GAGAATTCAA
210701 ATTCAATATT TGCAAAACTT AACTCAGTTT TACATATATC TGAGTTTTTA
210751 ATCACCTTGA GTTATTTTCA TGCCTATGGG ATGACCTTTC CAGGCCCTAA
210801 GTCTTGTAGT TTCTTGATTG CCTTAATCC ATGGAGCTTC ATATCCATTT
210851 CATTTAGGTA AGTTATTCCA TGATCAATAT TCGGATGTTG TCATCACCTG
210901 GACATTTTCT GCCTCTGAAA ACTGAAATAT AAATTACTTA TTTCACTCAG
210951 TAAATCAAC TCAATCCAAA TTTCTTCATT TATGTCCAAT TATAATGTAA
211001 TCTTTTGGGG GTAAATCTAA ATTCTAGTAT TGTATATCT GTCATATTA

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211051 GTAATTCAAT GTTCTGTCTC TAAAGATTCA CTTCAAACAG TGTGTGTATG
211101 GTAAACATTT GATAATCAGC TCACAGAAGA GAAAACCCCT GATCTATAGC
211151 ATTTGCTCAT TTCTGGAGTG TAAATACTCA TACCATGGCC AATTTCAAGC
211201 TACTAACATG ACGTCACTGA ATGTGGTATT GGGAAAACT CTGCACTATT
211251 GGCTTTGGAG AGCTTGTGTG AGCAAAGGTG ACTCCAGCAC CATCACCATT
211301 CATATTAAAC CCAGAGTAAA AGACCACTAC TAGGTTAGTG TCAACTGCTG
211351 CTGGACCTGG GCAGAGTGAG GTTCTTTAGC TGAACCTGAA GAACACTAGG
211401 CTGGCAAGCT GAGCCAGTTT GTCCTGGTAT TTTATTTATC TCCAACAATT
211451 GTATTTTAGC CCACTTCATT GCATCTACAC TTCCTTTTCC TCTATATCCT
211501 GCCTCATGAC AGATTCTAAA CCCCATCAGG CCCTACATTT ACATTTCCCTC
211551 TGACAGCGAT GGTGGGGGAA GAAATGGCAA TGGGAATGGT GGGGGAAGTA
211601 ATGGCCAGGA AAGGAAGCTG CTGGCTCTGT TACGCAATTC TCTGAGTTTC
211651 AACTAAAATG CCTCAATCAT AGTCTGCTAT GCCAGTGATC CAATGGAAGC
211701 ATAACTACTT GGGACCACTC ACCACGGCCA TACATGAGGG TATTTCCCTT
211751 ATTCAGCAGC CCACCTAGTG GGTAAAGAAAG TCAGCGTTGG CCTGTGTGGG
211801 AGACTTCTAT TTCCACCACA TCACCACACA GTTCTGGCT TTACAGAAAA
211851 CTTGTGTGTA TGTGGTGATG GTGTGGGTGG GGGTGGCATT GATTGATTCT
211901 GGCTTTGTCC CAATCCTCTA TGCTATACTG CCATATTCCT ACTGCCCTTA
211951 TGCCTTGCCC CAAGAGTGAT GATAATCCTA TGTGTTCTGT CATTCAATGAA
212001 CTTGAGGTCC AAAATGTATA CTGGTCTCTA TGTTCAAGAA AAACACAAAT
212051 CTGCTGTGAG AGATGAGTCT CTCTAGCAAT AAAGTGGCAC ACATACACCG
212101 TGGAATACTA GCCAGCCATT AAAAATATAA ACAAGATCTT GTACTTTGCA
212151 GGGACATAGG TGAAGCTGGA GGCCATTATC CTTAGCAAAC TGACACAGCA
212201 ACAACAACAA AAAAAACAAA TACTGCATGT TCTTACGTAT AAGTGGGAGC
212251 TAAATGATGA GACCACATGG GCACATAGAG GGGAAACAAC CACACGGGGG
212301 CCTATTGAAG GACAGAAAAT GGGATGAAGG AGAGGATCAG GAAAAATAAT
212351 TAATGGTTAC TAGGCTTAAT ACCTGCGTGA TGAAATAGTC TGTACTACAA
212401 ACCCTGATGA CACAAGTTTA CCTATGTAAC AAACCCGCTT ATGTACCCCT
212451 GAGTAAAAGT TAAAAAGAA AAGATTTCTC AAGGAGAGAA GATGAGCATT
212501 CCTCACCCCA CATAGAGAGA CAGTGTGGAA AGGATGGGGT AAGGCATCAG
212551 AAATAAGGC ATCACAAAAC CTCTTTGGCC TGAAGACCTT TGCTTGTGTC
212601 TGGTTAATAC TAATTTCTTC CTGGAGCAAG GAGAGGATGA AATTTCCCTG
212651 TTCTATGGAT CAGTAAATCT AATTTCTTTT TTCCATGTGT TCATTTTAGG
212701 GCATATTTCA AAGTAGGAGA AGAATTATCT TTCTCCAGTA CCATGCTATT
212751 TTA AAAACCT TCATTTACAA TGCAATTTAT GCCAGTTGAA AGAAAACAAT
212801 GTATTTTCTT CTTAATACCA ATACTCTCAT GAAAAGATTG TATCTAGATA
212851 AATAGATACA CACATATTCC TCTACTATAC TTCCAAGTGT TCTTGGTTTT
212901 GTAAAACTA TAATTCGTCA TTCTTTATTT TTATTCAATT TTATGTTTTT
212951 AGTAGGGGCA ACAAAGACAA AACTTTCTTA AATTTTATAG TCAATAATTC
213001 TGTCCTTCTT CTGACTAGCA ACTTCTAGGT GCACACTCAG CACAGGTCAC
213051 TGCAAATACT ATTAGGCTAA AGGAAAAATA AAGATATAGT TTCCTTCTTA
213101 AAGATTTTAA TCACTAGAAA AATTTGAATG TTGACTATGT CAATCATTCA
213151 ATTAGGCAAG TCTGTCCTGG CAATCAATGT AGTGACAGAT GTCATGGCCA
213201 GATTACTCCA GGGTCCAAGC CAACCACTGA GCCACCACAA GTTCCTGAGT
213251 GATTCCAAGT CAAATGTATT AAAGTTTTCA TTGTATAAGT CATGAAATAT
213301 GAAAATCAAT CATAGTCTCA TAGCCTTCAG TTTTACTTTC ATTCAAGAAT
213351 ATTTAGCCAT GGATTTTAAA TAATTCCTAT TGACTGTGAA CTATGTGTTA
213401 TCTTAGTATT TATTATGCAT AAGCAAATTA AAATTTTCAG TTACCTCTAA
213451 TGTTTTGCCT GAATGCATGT TTAGGAACAT ATTTTATTTA AGAAAATACA
213501 TATTAATTTT GCTTCAGTGT CCATGGATTG AATTTTTCAT TATATTTAAC
213551 TATGGCATTG ATAAGTTAAT GTTCACCTGG GTCAGAGATG CTATTTTCAC
213601 AATCTCAACC TCTTTGTTAT TCCAGTTATA ATACAGACAG ATGGGGAATT
213651 CAGTGGCCAA TCACAGACTT CTCCAATAGC TGCTGCTATC TGAATCTGGA
213701 AGCCCTAAGT AAATCTAGCA TGCAAGTGCAC TCTTGATGTT CTAGATGCT
213751 GGAGACATTG AATTCCTCAG TGCTGAATGC CTCTAGCAAA ATGTGAGAGG
213801 ATACACTTCA GTTTCCCTCAG AGATGTAATC CACATGGCTG AAAAGCCTAT
213851 CTTAAGACTA CAAGGGAATT CACTCACTAA TTAACAAATA GTTTTATTGG
213901 ACTGCATTCT ATAAGCATGA TCTTACAAAT TGCCACGATG TAGAACTCA
213951 GTGACAACAT GTTTTTAAAA TTCTTATCTT TGATTGGTAC CACAGTGTA
214001 GAAAGACAA CCACTCCTGG GGTTTTGGAG AAATAATTCA GCAGAATAAT
214051 TGAAGTTCCA TCAGCTTAGT TACCCTCTAT TTCCTATAAT GATAATCGTC
214101 CTTTTAACTA ATTACCTTTA ATGTATACAC CTTGTGGTTA TACAGGCTCA
214151 GTTATTAATT TTCATGCTTT AAAAACCCCTG TGTTACCTAG GTATTTAATA

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214201 ATTCTCCCAT AATGAATATA GTTGATCTTC TCTATGCAGT GATAGCACCT
214251 ATTCCTAATG CCAATGCTGC TAGCCTACAA TTCGGATAAA TTGGCTCAGA
214301 TTTTATGACT GAATTTGTTT TGTACAGCG TCCAATACTC ATCAAACTTT
214351 TTAAAAATTA CCATATATCA GACATGGCAG TCATTTATTT TTGCAGGTAA
214401 AATAAACTTT GTATCTTCAA TCACAGGAAA TAAATCAGTG TACTTCATGA
214451 CTTCCAGAAT TCCAGTTTTT TCTCATGTTA AACTTCCTCT TTTCTACCAA
214501 GTAGCAGTAT CTTCCATTTT CAAAAATTTG TTTTATGATT ATTTCTAGTA
214551 TTGGATTTAT TTTATGAGAT TTTCAACATG ACTTAAAATG GTTATAAGAT
214601 GTTGTGTTTA CATAAGGCCT TCATCATCCA AATATGCCAG CTTTCAGTAG
214651 GTATTCTGTG TCTAAATATT TATTGTCTTA ATTAACAAAT CGCCTGTTTG
214701 CTGACATTTT TCTCAGTTGT TTTTCCTACA GTTAGTGTTT TGTATTTGAG
214751 AGTGCAACTG AAACATGCATA CCATAAAAAAT AGTACATATT TATTGAAAAT
214801 TGAGCTAAAC AATTACATAT TAATATAAAT AAAATTTCCC CACATCTACA
214851 GTACTCCACG ATCTATAGTA ACTATAGCCA AAGTTGAACC ATAATTTAAC
214901 TAGCTGCCCC TAAGTCCTAG CTCTGTGGCA ATATCACATT GAGGTGAATT
214951 CCATTTGATG GACATAATTA TGTAATTTTT TTTACATTTT CAAATACGTA
215001 CTAGGATTCC CAAAGCAAGA CTTCTTAGAA GTCTCTTTCC CCCAGGTGAC
215051 CAAAGACTCT CTTCTGTCAC CTCACACACA TCTCAATCTA TATCTTTTCA
215101 TTTCACTCCT CCCGTAATTT TCTTAATTAT TTCCTGTTAT TATAGCTTCT
215151 ACCTTTCCAA TGTAAATTAT ACAATGTAAT CCCCAACGCT GCGGCTCTTT
215201 CTACCCATTA TCCTACCTGC ATAACAAATA CTAGAAAGCT AGGCAACAAA
215251 ACCCTGTGAG GTGAGGTGGA GTTGTGAAGA CTCTTATATT GATATTTTTC
215301 TTTGTGCTTA CCCAATTCTA TTTTAAATC TTGCAATAAC TACAAAGCAT
215351 CCTTTTCTTT AAAATGGGGT CTGTGCTGCCT GGGCCCTGAT GCTGCCTAAA
215401 GCAGCTGTAC CCCTAAATATG CTTCTCCCC TGCTAGTCTG TTCACCCCT
215451 ACTAGCTCCT ACTTACCTCA AGTAAGAAAA TAATAACAGG AAACATGTGT
215501 TGAAGACTGA TCACATACTG GGTAAAGTCC TAAGTGCTTT GCCTGCATTA
215551 ACTCAATATT CACAATAACT CTGTGAGGCC AGGGCTTTCC TTTTCTTCT
215601 TTTATAGATT AAAAAGTAGA AGCCCCAAGG GGTAAAGTAT ATTGCCCCAG
215651 CTCATAGGAT GGTGTAAGTA ACAGAGCCAT GATTGAACT TAGAGATTTA
215701 GAGTTAAGAG TGCATTTTGA CTTGGCATGG TGGCTCATGC CTGTAACCCC
215751 AGCATTCTTG GAAGCCGAGG CAGGTGGATA ACTTGAGGTC GGGAGTTCGG
215801 GACCAACCTG ACCAACATGG AAATACCCCA TCTCTACTAA AAATACCAA
215851 TTAGCCAGGT GTGTTGGTGC ATGCCTGTAA TCCCAGCTAC TCAGGAGGCT
215901 GAGGCAGGAG AATTCCTTGA ACCTCGGAGG TGGAGGTGGA GGTGAGCCTA
215951 GATCATAGCA TTGCCCTCCT GCTTGGGCAA CAAGAGCGAA ACTCCATCTC
216001 AAAAAAAAAA AAAAAAAAAA AAAACCAAGA GTGCACGTTT AACCACCATG
216051 CTCCTTGAAA CCACCTGAAA CTCCTTTTGG TGGCGTAATA TGAATCATTG
216101 CTCAGCTGCC AATGGAATTA GAGGTTAGAG GTTAGGAGAC AGCTTTATAT
216151 ATTGGTAAAG GAGATAACTG GGCTATCATG TAAGGAGTTA CTAATAATGA
216201 TTAAAGTTTC TCATTCTGGA AAGATGTATA TGATAGCAGC CCATAAAATC
216251 GCAGATGATA TAGCTAAAAT GAGTAAGGAC GTGTCTATTA CATTTTGGAA
216301 TACTAATTTG AATAGAACTT TGGAAATTTA CATAGGTGAG AGTGTATAAT
216351 AAAAGAAGGG CATTGTCTGG TGGTTAATGA CAGCAGACCA GGTTTACACC
216401 ATGACATTTT AGGCATATT GTTTGCCATT TTTTCAGATG GAAAAGGATT
216451 TCAATGGGTT AAGAATTCAA ATCTTAGCTT TTCTGATCAG CCCTTCCTCC
216501 TAATCCATGT TATACAGTAG TATCCTCTTA TCCATAGGGG ATACAATCCA
216551 AGACTTTTAG TGGATGCATG AAACATGTGA TAGGCCTGAA CACCATCTAT
216601 ACTGTTTTTC CCCTTCCTCT TGTGATGATA TGTGATGATA AAATGGTTAC
216651 CCATGAGATG AAGTGAGGTG AATGATGTAG GCATTGTGAC TTAGTGTTAG
216701 GCTACTATTG TTCTGAAGAT AGGTTAGGAG GATGATCACC TGCTTCAGGT
216751 GATCCTGGGT CATTGAGTCA TGATGATATT GCTGGTTGAC TGTGAGGAGC
216801 AGACCATGTC CCTGACTAAT GGAGGAGGTG GGCAGGCAGT GTATAGAGTT
216851 TGTATACACT GGACAAAAGG ATGACTCACA TTTGGGGCAA GACAGAGCAG
216901 GATGGCATGA GATATTGTCT TGCTAACCAAG AATGGTGATC AGTTTAAAC
216951 GTTTTAATTG ATTATTTCTG ATTCTTTCCA TTTAACATTT TCAGAGTGCG
217001 GTTAACTGCA GGTAATAAAC TGAGGAAAAC AAAACTGCAA ATAAGGCAGG
217051 GGGACTACTG TACTACCTCT CAAACACTCC TCAAATTATT GAGTCAAAAG
217101 ATAATGATAT TAGCTAAGAT ATATCATGTG TACCAGGCGC ATTCAGTCT
217151 CAAAGAATTT TACAAAGGTT AGCTCATTTC ATATTCATCA CAGGTACGTA
217201 AGGTAGTATT GTTCCCATTT TACAGGGAAC TGAGATATAG AAAGGTTACG
217251 TAACCTGTAC AAGGTGACAT AATTCATTCA CATAGGTGGG CTTTGAATC
217301 AAGCAGCATA GCCCTAGAAT CCTGCTCTAA ATCTCTGCAC TAAACACCT

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217351 TAAGAGGAAC TTTAATTACA TCGGTGTTTT TCAGTGTGTG TCCATGATAT
217401 TAATAGACCC CATATAAAAA GCAGTTCCTAC AGTCAAATGA GTTTATTTTT
217451 GTTGAATTAT AAAATTCTTT TATAAGAAAA TGTGTAATAT AAATCTTAGC
217501 CAAAGTATAA ATTATTACTG TTAGGTGAAA CCATATGAAA TTTACTAATAC
217551 TAAGCCACTT TACACTTACA AAAATGACAA CAAAAGGCAA GTTACAATAT
217601 GTAGTATCTC TAGGCAAACA GTTTTTTGAA ATATAAACAT TTTAGAAATG
217651 CTTAAAGCTG TTAGTGACTG ACAAATATTT GCTTCTAAGG AAACCCAGAG
217701 GTACAGGAAG AAGATATCTT CAACTTTTCT AGATTAATGT TATGGAAAAT
217751 CACCAGGCCC TAGTAGAATC ACTGCTTTTG AAAAAACAGAA TTCAGATAAT
217801 CCATAAAATT CTCAAAACCA CCTTGTGACT GTTTTTGAGC ATAAAATCTG
217851 TCTAAATCTT ACCCATCTCA ACCATGAATA ATGTAGGAAT GTTTCTGAAA
217901 TAAAAATTTA CTTCCCTTTT TCTATCTTTG GGCTAATTGG GTTCATAGAA
217951 TAGAAATATG AAATATTTCA TACTGCCTCT TTGTTTTACA GAATAGAAAT
218001 CTGTAGAAAA ACAACCAACA AAATTCATGA AACAGGATGC ATGAGAGGCA
218051 AAGCCAAATC TCATAGCACA AATTTTCATGA CAGTACCTCT TATTTATTTC
218101 CTAGTCACAT CCCCTAATAG TTTTTTATTC TTCGGACATT TGTAATCAGG
218151 ACTTTTTTATT CTAAGGAGAT TTACTACCAG GTTTTACGAC CAGTTGCAAC
218201 TGGCCTCTTA GTGGCACATA CATAAATATA AATTAGAAAA TTTATCATTG
218251 CATTTCACGA CTCTAGGTAT TAAGAGACAC AAGTTTGAC CTAGAAGAAA
218301 ATTCAGAGAT CAATTCATT TTTACCCCA TCCCAATAA AGGACAAAAT
218351 TGAAACCAAG GGAAGTACTG CCAAGTATCC TTTGGCATGT GGCTACTTAA
218401 CTATAACTAT TCTGTGTAA GAGGAACTA ATTTAAATCC ATTTGACCAC
218451 TGCCAGCCTT GAAGGACCTA TTTAGTGATA CTTGCTATTT ACTTCTAATA
218501 AAAAAAGAAC AAAATAGTTA TGTTAGACCC AAAGAAACCA TTCTGTCTG
218551 TACATCCCAT TGTGATCAGG TGGCTAATAT CCTTTTCCTT TTCCCTCACT
218601 GCTCGCAAAA GCGAAGCCTC CATATCATCA TATGAAGGGA TGGTACTGAC
218651 CCAGTTTGA TACTCTCTCC CATGATGTTT TATGTGAATG CCGAGCTGAT
218701 CATTTTCATC AGCAAGGCAC AGCTCCTCTG GGCAGCACAC ACAGGAGTAT
218751 TGTATATTG ATAATATGC ATAAGAATGG CAGTTAATTC TTTAGGAGTT
218801 TAATTTAAGC CTTTCTGCAG TTTCTAAAAG TAAGTAGGAG AATGAATAGA
218851 ACAGAATGTT CTCATTTTGC AGAAATAGAA TAGCAAATA TATATCAAGA
218901 GAGAAATTAG ACTGAATATT CTTTAAAAG ACACATGAGA AGTGGCAAAA
218951 GGAAACTACC CTTTAATAGA AATTTTATCT TTTGTTATTT TGGTTAATTT
219001 TCTCATAAAA GAAATATTG TACTACACAT GCAACTAATG ATGATACAGA
219051 GAATCATGCA AACAGATCAT TAACAAATGT AAATAAATA ACCTGTTTCA
219101 ATTTTGCTAA AACAAAAGTC AATGGTTACT TTGTATAGTG AACAAATTTTC
219151 CATGTAAAAC AAGGTGTTAT ATAAAAGTT CAGCCTCTGG AGAAATATAA
219201 CCAGCCAATA AACTTAATC TTTTGTCTT TTCTATACAT ATACACACTG
219251 GCACAGAGTA AGTACTGAAT ATATACTTAC TGAATTTATT TAAAGCCTGT
219301 GACTTAAATA TATATGCACA TAATAATTCT ACGTGGTTTT ATTCACCCAC
219351 TCAGCAAGTG GTACATAATC AATTGTCAAG AAAAATGGAT GAAGCGTAAA
219401 TTATTTTCAA AACCACAGAG AAGTACTTAT AGGATTACAA TATCTGTAA
219451 AAGGTTCCAG CCTCTTTCT CTTCCTCATG TTGGAACACA GGGAGTGACA
219501 ATGTTAGTG TGGCAGAGAA AAGGAGTGT CCTCAGTTGA GAAGCAAGTC
219551 ATTGTGTTGT GGCTCCTCAT TTGCCGCGAG GGGCATGTTT TCAGTAATTC
219601 CCATGCCATA GGTCACCTTT ACATATTCTC TTTTTTAAAA AAAAAAAGA
219651 AATAAAAAAA AGATGATGAT ACCCAGATTG TGAAGCAGAG GAAAAACAAA
219701 CAAAAAATA TCACAAAATA AAATTAAAGA ATTGCCTTAT AGAAGCCACA
219751 ATGTTTAAAA TTAGTAATAT CCTGTGTATA GACAACTAAG AAAATTGCTT
219801 AACCAATGA ATATATACAC ACACCATAAG AAGGTGTGAA ATGAAAGAGA
219851 GAATGGGACA AGGTAATTTG ATGGAGGCAT TTGGAAGTCA GGGAAAGAGG
219901 TTTGGGTTAT TTATGTTTAC AGTGACCATA TGTCCCGATT TACTGGGGCA
219951 GTCCAGCTT ATGCCTTTCA TCCCAGCATA ATAACAGAAT TCCTGTTTCT
220001 CAAATGTGTC CCAGTTCGGA TAATCTGTCA TACTTATGCT AGGTATTAGA
220051 GATTTCTGTC ATTATTGAGC AAAGGAATTA TGTGACAGAG GATCTGTAAT
220101 AGGAAGATTA TTTATGATT TCTTGGCACC TAAAAAAGA TGCAAGAAAA
220151 ATTGTAAGGA GGCTTTGCCA TTTCTATCTA CCTGAACTGA CTGTTATTG
220201 GTGATCAGAA GACAAATAAT GAGGAGAATC TGTGAGACCC CATAAAAAAG
220251 ATAATTGACA GAATTTAAAA ATGATTTACA ATAAATATG ATGGATGAAA
220301 GATTTCAAAA CTATGTAGAT CTAAGTTGTA AATTTGAGGG GCTTGGGGAA
220351 ATGACATTGT CAATAACAGG GATGAAATGT TGGAAAGA CTTTAAAGA
220401 GACCATTGAT TAAAAATTG CTTTCAGGGG TCAAAAAAGG CAATCTAATG
220451 AAGTTATGAC ATGCTCCAAT GCCCAAGAAA TAAAGGTCTA AAGAAACAGA

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220501 AAATACACTG TTGGAATCAC CAGCATATAG GTGATTTTGC ATGGTTCTTA
220551 CAATTTCTGG GCCAAGATGA CATTTGAATC TCTAAAAGGG ACCTTTGAGA
220601 TCATGGGGTT CAACACCTTA ACTATAGAAT TTTATATACA TACATATATA
220651 TATGAAAAAT TTCTCTCTAT ATTAAGAGAT TTTCTCTCT CTATATATAT
220701 TTTAATATAT AAAATAAAAG GATACATAAC AAAAATATCT ATCTCTCTCT
220751 CTATATATAT ATCTATATTT CTCTACCCAT TGGTAGATTT TTTATTATCC
220801 TTTTTTTATA GATTTTTTAT AGAGAGAATA TATATACACA TATTCTCTCT
220851 CTCAAACATA TATATGTATA TACTGTGTAT AGTGGGTCTG AGAACAGCAC
220901 AGGTCTCTTA TTCCCAGTAT GTTGGACTTA GCTCTTCATT ATAATTTAGC
220951 TGCTTCCTTA GAACAGGTTG TAAAATCTCA AAAGCTTAAA GGTCAATAAG
221001 TATTATACCT AATCTAAATA TTTATGCAA TACCTTATGT CCTTTTAAAA
221051 ATAAGGTATA CAAATAAATA AAAGTTGATT AATAAATAAT AAATTAGATT
221101 GTCAAGCTTT CTGTTTTGGA GCAAGGTCTT GTAGAAGAAG ATGCGTTTAA
221151 TCACTATGGA GCAACCTGCA GGATCTGGAG ATTAATTTGC AATTGTCAAC
221201 AAGGTATTTA GTTTTCAGCA AACACTTAAG AGAACAGATA ATTTTTTTCA
221251 CCATTGATAG ATATATATAT TGGCTTATTT ATAAAAAGGG TCTCTTTGGG
221301 AGAAAGATAT AATTTTCTTC TGTTTTGTTT TCAGGTTGTG CTGTCACAGA
221351 GGAAATCATT ACTAGATTAG CTGTCATCTG ACATTGATTT TGGAAGATTT
221401 TCTAGAGGGA GAGAGACTAG GAAAGGGATT TGGCTTTTTT CTTTTTTTTT
221451 TTTAACAAAT GAGTGTCTCG GACCAAGGGG CCAATTCTTA TTGTTCCATA
221501 CTTGGGGAGA ATTATAAAAG ATGTAACCTAC ATCTTAAAGA ACTTTTCAGT
221551 ATTACCCTAG GTCTTTTGCC CTGACTGGCC ACTGAATATA CCCAATTAAT
221601 AAAATTTTGA TATTTTCTGA TCTTGACTC ACCTCTCTTA GTATCTATTC
221651 AAGCCTTTTT TATTTTGGGG GACACATCTT AAAGTGAATT GTATCATATT
221701 TCTTAAGGTG TGTACTTTT TCTTAGTTAG TAACCATGCA TTTCCACGGT
221751 TAGTGGCTGA ATAGCCTAGC ACAGCTCTGA CACACAATTG ATGAAAAGTA
221801 ATTCAAATGAA TGAATAAATG AATGGATAGG CAGATGAGTT GAACGTTTCA
221851 TGGAACTGT CCAAGATAAT AATTTTCTTC AGGGCACCAG CTTTTTTACT
221901 TCACCTCTTT GTCTCTGAGT CTAGAGGAGT AATTGCCCCA AGCCAAAATT
221951 TTAACAAGTA TTTGCTAAAA GAATCAATCA AACAAGCATG AATAAATATG
222001 CAAATGATCC ATAGCAACAC TGCTTAGTCT AATGTTTCCT AATCTAGCTA
222051 ATTTATCTTT CTGCATCCCC ATTTAATTAA TCGTTATGAT GGCATGTCTT
222101 AAAATTAGTT CATTTGTGTC GACAGTTTTC CACACCTTCT CTAGTGTATA
222151 TCGAAAATCA GAGACATTTA TTAAGCTAAT TCATTTATTT TGAGGGAAGA
222201 TTCATTGAT CCATCAATTT ATTTACATCC ACAACAATAA ACATAAATTT
222251 GTAGAGATCA CAAGTAATGA AAAATAAGAC ACAAAAATGT TTTAACCAAA
222301 TACGGCAGTT TATAAAATAT TAAAGTTTCA AATGTATAAT AGTTTATTTT
222351 ATTTTGCCAA AGTAAAATTG GATATAGTTT TATTTTCAAA TCAGTACTTG
222401 GGGTTTTTTT TAAACTAGTG ATTTCTGTGT ATTCATTTAA ATTAAGTTT
222451 TATGTAAGCA CGTATGTGTG TCCTCTTAAA TGGTCTTTAA GATGCAGATT
222501 TTCTAATAAT TAGCTCATTT AATGATACTT TAGGATCCAT GTTGTAAAAT
222551 TCAGTATCAA GGATTACCAG AATAATTGA TTTTATCTTT CCTAACCATA
222601 ATAATACTGT CTGAAAGTAT TATTTTATGG TATTTCTCAT TTACAAAATA
222651 AAGAGGCTG AGACTAAATA AGAAGAGAAA GGGATAGATA AAACCTTCA
222701 AGCTGCAATA ATCTATGATG TCATGACCTT ATAGTCATTT TACTATTATT
222751 ATGCAGTATT TATTTAGAAA ACCTAATCGG TCTTTTGTTC CTTTATTTCT
222801 CTGCTTGAGA GGATAAATTA ATAATATACA TCTCTTTACT AAAGCTAGGT
222851 TTAAGTGGAA ATATTATTAT TCATTTCTTC TGTAATTTTG TATTAATTAT
222901 AAAAATAAAC ATAAATGTTA AAAAGCTCCC TAAATTTTAA GTTTATGTTT
222951 ATCAGGGTAA AAAAAATCC CCAAATCAT AAGTATTCAT TTCTATGATT
223001 TATGGAAGAG CTTTAAAGAG AGACAAGAAA TTAGAAAAAA ATATTCTAAA
223051 TGGCACATCA TTTTAATGAC GGCAGAAGAT TATTTCCCTT ATTTAGAAAT
223101 TTGATTTTCA AGTCATTATT ACAGGTTTTA TTTAGATCCA ATTCACGAAA
223151 TTACAAAATA TTTTGATTTT TTTTGTACAT TAGTAACCAG TTTAATCCCT
223201 TAGAAACGTT AACTAATAT CGGTTGCCAG ACAATTTTTC TCCAAACAAT
223251 TTCTGTGTTG AGATAAGCAA CCATGGTCTC CAGAATCCTA AGTCATGCTC
223301 AGCTTTTATAT ATATAACTGT TTTTGTGTTT TTCTGTGTCA CCCATTATTC
223351 CTCTAATGTC TGACCCAATC CAATCTCTCT TGGAGACACG TTGCTTTGCT
223401 TTTCTAAATT CTATTTTTTT TTTGTTTTGG TTTTTTGAGA TGGAATCTCG
223451 CTCTGTCTGC CAGGCTGGAG TGCAGTGGCG CAATCTCAGC TCACTGCAAG
223501 CTCCGCTTCC CGGGTTCAGG CCATTCTCCT GCCTCAGCCT CCTGAGTAGC
223551 TGGGACTACA GCGCCCGCC ACCACGCCCG GCTAATTTTT TGTATTTTTA
223601 GTAGAGACGG GGTTCATCG TGTAGTCAG GATGGTCTCG ATCTCCTGAC

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223651 CTCGTGATCT GCCACCTCG GCCTCCCAA GTGCTGGGAT TACAGGCGTG
223701 AGCCACCACG CCCAGCCTGC TTTTCTAAAT TCTTGAGGCC AACTGATAAC
223751 CTGCCCCAGA TCTTCATCTC AGCTGTGCTT CTTCATAACT TTGGCTACTC
223801 TAATCACGTT GTTAAATGAC TTACTGTATC TCAGATCCAC CAGTCCCCTC
223851 CCCAACCTTA AATTTTACTT TTCTAGGTCT ATGACATGAT TTGATGTATG
223901 TAGACTCTGA GCCATCTACA CTTGATGTAT GCAGAGCCTG AGAGAGAGAG
223951 AGAGAACGAT TATGCACAAA CTAAGAGACA CACTGTAGGC ATAAATGGGA
224001 TGACTGAAGG CTCTCTTTTA AAATCAATTT CTCTACTTTC AAGCAAGAAA
224051 GTAAGTGGCA TTTTGGAGAA AAAAATAGGG TACATCTTTA AGTAGAAATA
224101 AATTTTCTTT GTAATATAAA TTGTACAAAT GCTTTCTATC ATTATACATT
224151 TTCCCCATGT CACAGAGAAA TCCCAGGATG GAAGCAAACCT CTAATGACTT
224201 TTATAGAATT TCCATTTCTC TGCTACTTGT TTTTCATCCT GCTACCCAAC
224251 CCAAGTTTCA ACGTGGTGTA AAGAAGTTTA GGATGAGACC AGTGACAAAT
224301 TTTTATAAAA GGACAAAGAG TGTAGGGACA GTTGACGGTG CAGGAAACT
224351 GGAAGGGAAT TTAAACACCA TACAATCTGA CCCACTCACT CTACAGATGA
224401 GGAACAAAGA CTCAGAAAGT TAAAAGTGAT ACTTGGCCAA AGACGAACAA
224451 CTAGTTAGTG ACACACAAGG ATAAAAGTCT AAGTTTCTTA AAGTTCAGTT
224501 TACTTCTCCA CGCGCCCCC AACGTGGCAC ATTAATCGTG TGATTTATTT
224551 TTCTTTAACT TAAAAGATTT AGTATTTCCA AGTCTCATCT CCCCAAAACC
224601 CAGTGTCCAG ATGAGGAAAG CTATGTCATC CACTGCATTT TCAACCTTTA
224651 TAAACATTAC AATGTAAGGG ACATAGGTTT ATTTAATACA TATGAATTAG
224701 ATGGAGTTGA AGTTCACCTCT TTTATCCCGT GAGTCATAAA CTGAACTTGG
224751 AAATGGAGAT CAGACTAATG AGAAAAACAA AATCTGGACT GATGGGTCAT
224801 GCCTGTCATA ACCTGTACAC AATCAGAATC CTTTGGTATT TTAAAATAAG
224851 TGTGCTTGAT TTCCACTCCA GCAACACTTT CGATTTGAAG GCAGTTTACA
224901 AAACCATAGT GTAGAAACTC ATCTCAGCAA TTTTCTATC TCTAATTTAG
224951 TAACCTCTAA TTTAGTGAGA AATAGGACAT CATTTTGTTA ATTACTTGAA
225001 AAGTAACTTA CAAGCAATCC AGGAGAAAAG TTGTACTTCT CTTGCCAGTG
225051 TATTTAGAGA ATGGATCATT AGTACATTTT TGCATGTGCA TTCATAATTA
225101 TAATTACATT CATAAACACT GTCCCAGAGC TAGGACATTT TGCTGATCAC
225151 AATTAAAAAA AATAGAGTGA AACAACAGGA GAGTTTCATA ACCTCATTGT
225201 TTTACCACCT TAACAATAAA TAAAAATGAC TCTAAATTAC TCTGCATTGA
225251 AAGAATGTTG CATAAATGAT AAGTAATTAT AATTAAAAGT AACAATAGAT
225301 AATACTTTCT ATTTGTATAC TGTGTAATAT GATTCTTAAG ACAAGTGTAT
225351 GACTTGCATT TCTACCTACC ATTTGAGAAC CCTAATAAAT TTTTAAAGCC
225401 TCAGGAGAAT CTTACAAAGA ATGCACAAGC CACCCTGACC CCTGAGGCAA
225451 ATCTTAGCTA GATTTAAGTT GTTAATTGAA TCCCTTGACC AATATATTTT
225501 TAATGCTTTG TCCTTTATGT AAATAGTCAA CAGAAAACAG TAATTGCCTA
225551 TTTATTTTACA ATGGACATAT TTGTAGACAA TGTTTGAAGT GCTAAATAAG
225601 CAAATGAAAA ACATACAGTA GTTACTCTTG GTTTACAATG TGGGAGGCAC
225651 AGCAGTTTTC TATGCTTATT AGAATCTACA TGTGAAATCT TCCGTGATTG
225701 GCTACAGGCT CCTGACACAC TGATGCCTAG AAAACACTTC GTGCAGAGGT
225751 AGTACTCAGG GCAAGGTGTT CGAGTGAATG AAAACCACAA GTGATATACC
225801 TATGCTAGCT TGAATATTA AAAGCACACA ATTTGAAGTT CTGTGGAGTG
225851 AGAACCCTAA TTTCTCAAGT ATGTTAGAGA ATGGCAGATC TGAACGATGT
225901 CTTACATTTA AACCGTATTG CTATAATTCT AAGCTCTCAA TTTATGAAAT
225951 ACTTTATGAA TTTATCTTTT TCTTTTAAA TAATGAAATA TTTTAAACAT
226001 GCAAAAATGA TATAATGAAT ATAATGAACA CACTTGAACCT TTCTACTCAG
226051 CTGAAGAAAT ATAAGAGTAC AAATATAGTT CAGTAGCCCT ATCCAATAGT
226101 ATTTTCTTCC CTCTTACCA CCTAGAAAAA GTAACATCC TAAATTTTGT
226151 GCTTTTCTT CCTGTCATGT TTTATACTTC ACTACAAATA TATATATAAT
226201 ATGTAGTATA TAATATATAA ATATATATAA ATATATATAC ATTCTCAGG
226251 AAAGCATAGC ATCAAAATTC TATCATATGA CATGTATTCT GAAAATCGAT
226301 TTTTCTATCC TATTATGTTT TTAATATTTA TCCACTTTGA TAAATCTGAT
226351 GTAGTTTAA TTTATTCATT CATATCACTA CCACCATCGA TTGGATGTAT
226401 GAATATTTCA CATTTTACTT AGCTGTTTTA TGGCTGAGAG ACATTTAGCT
226451 AGTTTGTGTT GTTTTCAATTT GTTTACAGTA ACAAACGGTG CTACTCTGAT
226501 GATTCTGGTA CATTTCTCCT TATGCATGTG TTTAAGACTT TCCATACAGC
226551 AATGCTACTC AAAGTGTGGT TTGTGGACAA GTGTAAATCT CTCAATGGTT
226601 AGTTATCTAT GATGAAGTAA GTACAACCAC CAAGAGTAAG CATGTGAAAA
226651 CTTTATATAGC AATTTGGCAT TGCTACAACA TCCATGTATG TGATTTTFTA
226701 TTTTGCAAAA TTATGGTTTT GTAGTAGATT AGGCACTTTA AAAGGTTTTT
226751 ATAACCATAG ATAGCTTAAG ATGTACTGCT CTAGTTTACA TACTTTGGAA

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226801 AAGAATTGCT TTGTCACAGG TATGTACAAG TTAATCTTTA AGTTATTGCC
226851 AATTATCTT CAAAATAGTT GTGTTGACTT AGACTCCAC TAGAAGTGGG
226901 TAAGAGGCTC AGTTTCTTTG TACTCTGTTT ATTTGGCTTT CTCTGTTTAT
226951 ATTAATAAAAA AAAAACTTT CTCTTTGGGG AAGGATTATT TAAGTTTCTA
227001 CTTTCATTTT CCTTCTAGT AGAATTTAAA CACTGTTTCT GTCCTGTTAG
227051 AGATAACCCT TCAAAAATGT AGCATGCATA TTTGTCTATG ATTACCCTTT
227101 CCCTTCTTAC GTGTTATTTT TATCCAGTAT ATTTCTCCAA TCCCATTTTT
227151 TGCCCTTCGA GTGAATAGTT ATTATTGTTT TATACCATCC ATGATTGTCT
227201 CGGATTATCT AAATTTTAAT CAGATGGGTT TTTTGTGTTG TTGTTTGTGTT
227251 TGCCCCAATA CCTTTTGAGC AATACCTTTA GAGAAAAAAA AAGTTTGAAA
227301 TATAGGAAAG AACAGTGTAT TTTTGAAAGA GTCATAATTT TAAAAAGGAG
227351 TTTTAGAAAC AAAAAATAAT GACAATTAAA GTGTAAATTT TGATGAAAG
227401 CTTAAATAAC AGGCTGCAAC AACAGGCTTC GGGGATAATT TTATTCTTAG
227451 TAATAAGAT ATTTTGTG GGTAGAATT TTTTCATTG CCTGAGGATT
227501 TGTTAAAGCA AATTCTTAGT GTTGTGTTGA TTAAATATA TATTCTTCCT
227551 TTGAATAAAA TTCTATGTGA CAATATTTTC TTTTCACAGA TTGAAGAATT
227601 GTTCTACTGT CTCCTGACTT CTATTGATGC TATCAATATG TTGATAGTCA
227651 CTCTAATAT AGTCTTTTGG AGAAAATCTA CCTTCTTTT AGGCTGCTAT
227701 TGAAATATTC TTTTGTACT TAGTGTTCTG CAGTCTCAGT ATGATATGAT
227751 ACCTCTGACT GTGGATTCCCT TTGTATTAC TTGATTGAAA TGTATTAGCC
227801 TCCCTCAATC TGAGTATCCT TGCTTTTCCA TTCTGAAAGG CATATGTGGT
227851 TGTTTTCTCT CTACTTTCTG TCATTATATA GAATATTTT TACCAGAAGC
227901 CCAAGTAAAT ACATATTAAA TCTTCTTATT CTACCCTCTA AGTTCCTTAA
227951 ACTGTCATAT TTTTCATTTT GTATCTCTGT ACTAAATTC GGATAATTCT
228001 TTCAAACAT ATTAGTAATT TATTAGTGAT CCTTTCAGCT GGAGACTGTT
228051 GCAGCCTGTA AGTTAAGGTT TCCAGTGGAT TTTCCATTTT AATTATTATT
228101 TTTATTTCTA TAAATGCTTT TACTTCAAA AAAATGTGTT TTTTCTGTGT
228151 TTCAATCTAT TTTTCTCTAA ATGTTTCAAA TGTATGTATG TATATTATAT
228201 ACTCAGTCAC TAAATTATAT AGTATTCATG TGGATCTAAT TTTAGTTAAT
228251 CACTTTGCTG ATTCCTCTCC ATATATTTT TAATTATGGA CTTTGAGTTT
228301 ATGATTAGAA GGGTCTTATC TCTGGAAATC CTAAGATGTG TCATTTCTCT
228351 TTGCCAGATG TTCTGTATA GTATCAATCA ATATCAATTA CTTATGATAA
228401 TTTACTATTT GGGGTCTCCT AGACCACCTA GAGAGTTCAA ATTTGAACTT
228451 TAAACCTATA TGAATATAGG CTAATCCTTT GTAAGCATTAA AAAATGTGTA
228501 ATTTTLAGAG GAGATGTTTT CTCCGACTCA AGCTCAGGTC AAGATAGATG
228551 AGTTTACTTG TTTTTCACAG TCCACCTTTC ACCAAGGATC TAATCCTTTA
228601 GGGATTCTGA CTTTGTGTGG TACCTGCTGA TATAAACTTA CATAACCATT
228651 AATATTCAAT CCTCTAGTT GCCAAGATTG GCAAACCTCT GCAAAGGTGC
228701 CATGATGCCT ACATCACCTT TCCTTCTGTA TTTTAGTGCA TTTTTCATAT
228751 TGATTCTCTGA TCATTTCTCA TCCATTTTGT GAACCTCACTT CTGAGTCTAA
228801 AATTAATGTT TGCTATATTG TGTCTGATGT TTCTAGGTCT TTTGCATTCA
228851 TAGGGCTTTT CACATTATTT GATATACCAT AATGCTGAAA ATAGAAGTGA
228901 AATTCTATCC TTTATATTGG TCATACGCTG TGTGATCCGG ACTATTCCAA
228951 ACATCTGTCC TTCCTGCAAT GACTTTCTCC ATTTTCTTAA GTCCAATCCA
229001 TAAATTAAAG CAACCTAATT TCTGCCTCTT TTGAAGAATC CTTGACTAT
229051 CCCACCCTAA ACTGGACTGT CATATGGGGT AAGAGTCAGA TATCAGTTTA
229101 GCAGTAATAT CTAGATTCTT ACTCAGTTGC TGGTGTCTCA GGGGAGAAAA
229151 TGGGTGCTAC TCTTCTCAG TGTATATAGC TGGTACATTG TGAGGTAAAA
229201 TTGCAGGTTT AACTCACAAC ATGCTCAAAT ATGCAAAAAC AAAAAATAAA
229251 AACTCTTTTT ACTCTGTGTA TTAATGTCGT CTCTTCCCAT AGCCTCATGG
229301 GCTTCTCAGT TTTAGAACAG TAACTTAACA CCTAATCCAT TCAGTTCTTT
229351 TTTAGATCTG TTGCTTCAAT TAATCCCTCT AAGTAATGTT CACTCTGTGT
229401 AGTAAAACAA CATCTCTTAA TATTTTATAT TTCTTAGCTC ATTATCATAT
229451 TCAAAATTCT TCCTTAAAT GGCATCTGAG TATCGGAGAG CAGAGTGTAT
229501 CTCACACAAA CTTGTACCAG AAGGCAAAAG TCAAAGTCTA GAGGTGTGGT
229551 GCTATGTGGC TACTTATGTC ACGGAATAAG ATCTCTTGT CACCTCATTC
229601 CTGCTTGTCC TGCTAGAAT CTTCGATAAT GAATAAGGCC TGTGTAATTC
229651 AAGATCTTGT TTCTTTGAC TTTGGCTAGG GAATACTATG TCATTGCCAT
229701 AATCAGCATT TGCTCTCTG CCTGGTGGTC CACACCAATG CCACCCAGCA
229751 GGCCCCACGG TGGGCCCCCT GGCTCTCACA TTTGCACCCA TGCCAAGTGT
229801 GTCTGAAAT GGTTTGAAA ACTTAAACCA CATGACATGC CTGAGAACTG
229851 CCTGAAGTTT TCTGTGCCTA TAAATTTACT CTCATATGCT GTACCTTTAA
229901 TTGGTGAGGG ACAGTGTGGC TTTTCTCAG TGTCCCTACG GGGAGCAGGA

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229951 TCTGAGTCCT TCTGTCTCTCA TTAACCTAAC ACATCTTTCC ATTTTGTCCA
230001 ACAGTTTGTT TTTCACTGAA CCTGGCTTTC ACATTATTG TCTTACAGAA
230051 CAGTCCTTTT TGGGATATCA TTTAATACCT TCTATGACAA ATCCTAATTT
230101 CTCCACATTC TTCTCTCCCT ACCGTGGGGA AAGTAGGGTA AATGTCCAGT
230151 ACTTAGAGAG GTGAAAAAGA AAACACATTA CTAATTTTCA GAATATTAAAC
230201 CCAGTTATAA TTTCAGTACC TTAGCAGAGA TGAGATAAAT GAAGATAAAA
230251 ATAGCTAAAT CATCAGTCCT ATGCCTATCC TCCTATTAAG TAGATTATGA
230301 TTTTGCTTAC ATAATATTGG GAGAAAAACA GGGCTAGGAA ATTGGAAAAAT
230351 ATTTTAATAA ATTTCTGTGTC ATATGTAAGT TAATAAAATT ACAGAATCTT
230401 TGTCTTCAGA AATACACATA CAAATACAAT GTTCTAACTA CTTTTATTTT
230451 CTGGCTCAAT GGCAGAATAG CCCTAGCATG TAGTGAATTG AAATGATATT
230501 CCTAAATCCT AGGCCTTGGG AGAACAGCAG TTAATAGTAG CTGTTTCTTG
230551 AAGATGGTGT GGAAGCTAT ACCTAGGTGG AAGAAAAAAA AATCCTCATT
230601 TAGCTGTTCT CTAAGGAAC TGTGGTACAT CAAATTAAAA TGTAATGAG
230651 TCCCCAGGTG TTCAGGTGAG GCTTGCCTGC CCATTCTCCA TAACCTCTCA
230701 GGTTATATTG CTATAATGTA CTTTTTCAAA AAGTTAAGAA CAATGCCCCA
230751 ATATGATGTT GAATGAATAT ACCACATTCT CTTGACCTTA TTTCCAACCT
230801 TGGGTAATGT GTGACTGTGT CTCTTTTCCA GCTCATTCTG AGGTTCAATT
230851 TAACCCAGCT GTGTTATGTA AAAGTGCTAG TGAGAGAAAG AGACACACAG
230901 TAAGTGTCTAT CTCCCAAG CTCCCTATTC TCCTAAAGGT AGCTTAGAAT
230951 CTGAACCTC CTAGAGACGG CCCAGTTTGG GCCTAAATTA GACTTAATTT
231001 AGATTTGGAT TCAGACTCTT CCTGACGATA ATCTGCTGGC AGGTTTGTCC
231051 CAGGACCAGA CCGTCCCCA GAGTGTTATG CACTGTTAGA CCCTTTTCCT
231101 GCCCCCTCAC CCATTCAAAT TGTTGACTAT TCAGGAGTCG CTATTATTCG
231151 TGTCTCAGTC TCTTTTGGGA GCCTCTCCAC TCCCCAGTTT CCCCTCCCTT
231201 TCTTCTACTT TCTGCCAAT CTCCCTTCAA AAAGGAGGAA AAACCAAGTAA
231251 GAAGTTTGCC TTAACCTCAT TTATGCTCTC TTAGCACTTT CTCCCTAAC
231301 TAACCTCATCT TGCTCTGGG CCAAATACC TAAATGCCT TCACAGTGAA
231351 ATCTAAAAGC AATATCAATA AAAAGGTTAG ACTAAATGAT CTCTGAGGGC
231401 CCTCCTGGAC ATGAGTTCTG TGAATTCATA TAAGGACAAC AACGCAAGGG
231451 AAAAATCCAA TACAGTCCCT TAAAAATCC TGTAAGTATT GAAAATCCGT
231501 ATGTATGAAA TGCTGAGTGG GGACAGGCTC CAAAAAAGA AAAAAAGAAA
231551 AATGCATTCT CTAGTCTCAA CAACCCTATT ACCTCATTAT GAAGTATAGA
231601 AGAACTCCAT GCAAGAAAAG TTAAATAATA CTTGAGAAAT CCATTTTTTC
231651 ATTTATGATA AAGGAACTGT TAGTCTTGTG GGGCTTTACT TATAGATGAA
231701 GTAAACAATT ACAAGGGGAC ACATGGGGAA CATAGAGGAT ACTTTGGGTT
231751 TGTGTAGGAA AAGCACCCAA CCACATCCCA TAGGAGAAGG CAGAAATGTC
231801 TGTTTTGAAA ATGTGATGTC TCAGCAAAAC CTTGAAAAC GCGTGAAGAG
231851 TGTGTGTGTG TTGGGGGGCT GGCGGTGTCT GTGTGTTGTA CTTGTTTGGT
231901 AGAGCCATTA TCAAATTGAA TCAAAGGGGA ATAATGGTCT GTTATTATAA
231951 GTGTTATTCA AAGGGAATAG CACTTGTAAT GGTCCAGAAG TTGGTGAAAC
232001 AGCACCTCCT TTTCAGGCAA CTAATAGTAC TTCAGTCTGG CTGGAAAGCA
232051 ACTAAGTAGC AATATAAAAC CATAAGTAA TGTACAGTTC AAGTGATGCC
232101 ATAGAAAATA AGTGAATTGC CAGGTGTATG AGGTAGACAG AATGCTGTGG
232151 CTTCAATTAGT TAAATAACAA GTTACTAGAA ATGAGTTACA CTAACACATG
232201 TGGAGAGGAT AGGATGACAA GCTATTCCTA GTACAGTTAA CAATGTGATT
232251 AAAGGCAGAG TTGGAAGAAT GCATGGAACC TTCAGCGGAT GTTAGGTGGG
232301 ACCATTTGAC AAAAGTCAGG ATATGAAAAG AGATTCACTG GACAAAATTT
232351 GCCACCTCCA AACATACCTT TCTCCTAATG CTAATAAAAA AGAAAAATTT
232401 TGATAACTCC ACAAGTGTAT CCCCCTTGC CCACCAGAAG GGAGAGGAAA
232451 TTATACTAAC TTAGAAAATC AGAGAAATGG CTTCTGAGTA CAGAACTGCG
232501 CCCACATTAT GCCCAGCTAT GGTCCAGATG AGAAATGCCC AGGTTACACC
232551 CCAGAGTTTT GTATGTTTCT GTGTTTATAG TATGAGCTAA ACCTACTAAA
232601 GAAAATTTTG TTTGGAGTTA AAAGTACTGA ATTACGTTGC TGATAGCTAA
232651 TCATACTATC AAACCTCCC ACAGAATCTC TCTCTGGTCT GGGCCATACC
232701 AGTATCCAC TGGCTGAAT ATTTGTTGTT GTGCCCTGTG TGTGGATATG
232751 GTGAACACAT AGGAGTCAGG TTTATATTT AGAACATGAC TCCTTTGTAA
232801 ACATACTTTG TAAACATACA AAGTCCAAGT ACACCCGCAA CTACTACATT
232851 TGGGAAGTAG CATAATAGAA TGAACTGTC TAGGAAATAT AAATTTGGAA
232901 CGTTTATTAG GTCTAGAAAC ATCTAAAAGA ATAAGTCAGA TTTTGTAAAT
232951 TAAGAAAAC CATAAGGCAG CGATGTTTCT ATTTTGTAA TTCTTTAACT
233001 ATATTTGTAT CTTCAGCTA GCTGAATTTG TTAGATTTGG AGGGGCCCAA
233051 AGTATAACTT ATTTTGGTAA AATCTAGTAC TTTAAATTTG TATATTTTAA

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233101 TGTAAGATA TATAAATAT AGAATATTAG CTATAATTTA CATTTCAGAAA
233151 ATAATTGTA TAACCTATAA TGTGCTTGA ATTTTCATT CACTTAAGTA
233201 TGCAATTGTT ATTGAAATAT TAACTGTTAA TAAAGATTAT TTTACATAGC
233251 TTTAATGATT ACTTGTTAAT TTCTCTGTGA TACAAATGAA ACAC TAGGTA
233301 ATAATTCACA ATTTTTCCTA AAACATGTTT TTAATATTTT AAAATTTAAC
233351 AACTATGCAA TCAATAAGCC ATTTTCTCA ATTTTCAAAA ACCCTATTTT
233401 CCTAATTATA ACATGAATGT CCATTGGCAA ATAAAGATAT GAAAAAATT
233451 AAATTTTCTAG TCCACACCAC AACAAATAAT CACTATTCAT AGTTTCATAA
233501 ATTCATTCTT AGACTTTCTT TTTTCTTCTT GAGACTGAGT CTCACCCTGT
233551 CATCCAGGCT GGAGTGCAGT GGGACAATCT TGGCTCACTG CAACTTCCAC
233601 CTGCTGGGTT CAAGCAATTC TCCTGCCTCA GCCTCCCAAG TAGCCAAGAC
233651 TACAGGTGCG CAGCACCATG CTCGGCTATT TTTTCTTCTT TTTTCTTCTG
233701 TATTTTCTAG AGAGACGGGG TTTTCTTCTT TTTTCTTCTT TTTTCTTCTG
233751 CTCCTGACCT CGTGATCTGC CCTCCTCGGC CTCCAGAGT GCTGGGATTA
233801 CAGACATGAG CCATGTCACC TGGCCTCTAG TCTTATTTT AATCTTCTC
233851 CATTTTTAAA ATTAGTGTTA TAATATATAC ATGTTTTTAT ATGGACATTA
233901 TTTTGAACAT TAGTCCAAGT CAATATGTAT GCTCAAAAA CAATTTTCTG
233951 GATAATATAA CATTCCCAAC TATAAACATA ATAATTTAGT TGCTTTTCTG
234001 ATGCTATAAA ATTTAAGCTG TTTCTCGCTT TTATCTTAAT AAAGATAGCA
234051 TTTTGAATGC TATCTTTGTT TATATATTT GTTTAAGATG CTGATTATTT
234101 CAATGACATA GATTCTCTAG ACTATTGAAT CAAAATATAT AACTTTTAAA
234151 ATGATCTTGT CACATTTCTT CTCAAGATAT TTTGTTTCTG TGCTTTGGAA
234201 CCAAGTTAGA CTAAAGTTTA TAAGGCTGAA CACTGTTTAT CTGCTCATC
234251 CTGGTAGGCA GAAATAGTCT ATCTGCTCAA ATCTCTATT ATATGATACA
234301 TAGCGAGGTG GAAGGATTTT CACATTTATA AGCCATTTGT ATTGCTTCTA
234351 TTAATCTATC CTATTTTCTT TGTCTTTCTA ATTAATTGAA TAGAACTTAG
234401 GATTTTAAAC AGCGAGTTGA ATAAATAAT TTAAGAAACA ATGACAGTAA
234451 ATGTCACCTT ATAATGAAT GAATACTTAA AAATTAATCA ACTTTTCTT
234501 TACTGCTGGT TAAATCAATG ATGATTTTAA TTAACACAAT AAATTCAGGG
234551 TTTTCTGTTT TAAGTTTGGC TTTGACTTCT GAATTCCTAA ACCAGCCTTC
234601 TCACTGAAA TTTGTACATT GTCACAGTTT TCTTTCACTT ACTCATACTC
234651 TTTGTTTCTC CTGGGCTACA GACTCAAATA TATTACTCAG TAGCAGACAA
234701 AAATCTTCTG AAAAAAATTC ATGGGCCACA GAAATGAATT CTTAACAATA
234751 GAATTTAAGG GGAGATTTAT TTATACACAA AGGAATTATC TTCCACTATG
234801 TAATCAGCCA CTGCTTATAA AATCTATCCA AACAATAAAT ATTTTGTGTA
234851 AAATTAATAT AAATATATAT ATATGTATAT TTGGAGTTTA CTAGACGTA
234901 TGCAATACAT CCCCTAATA TACTAACATA AAAATACAAA AAGTCTTGGC
234951 ATATTGGAGT AAATATTAAA TAATTATCTT GAATCTTATT TGTATTAGC
235001 CATAGGTGGA AACTCAGTCT TTTTAACTTG TAAAGTTGT GGGAAAAATT
235051 ATTTCTGACT TTGTCATGGG TCTATTTCAA TGCTAAGAAA AGCCAAATTA
235101 TCAAGCTCAA TAATAGAGAC AGTGCAAGCT TTCAACTGGA AAGGGTGAAT
235151 ACTGTAAAT GAACTTTTAA GCAACTGGAA TATCTTCTTA TATTAGAATA
235201 TTTTCCATC AGCGAAATGA TAGTTGTGGA ATTCACACTG AAGCAGAAAT
235251 TTAGTACTCA CATCTATCAC CTTCCAGGCA TCTAGAAATC AAAACAAGAA
235301 AAGTCTTTCA AAGAATGGA GGTTTTACTT TTTCTAGCA ATTTGAAAAA
235351 TAAAAATGCA TTCAGTATTC CTTTCCCAA AGTTTGTAGT GTGATTCTCT
235401 AGGTGTCTGT TTATTGCTGG CCACTGGACC ATTATAAAG TCTGATAGCT
235451 GCTAAACAA GAATCCTAAT CAGATTTAAC AAACCTTCTC TGAAATGGTT
235501 TATCTTGTC AAGCTACAGA GGAAGCTAAA TTGAAAGCA AAATTAATCT
235551 TCCTTTCTAA AGGTGAACCT TAGCCTAACA TGAGTCTGT GACAGTAAT
235601 AATGCTGTTT TAGCTTTCTT TCCATGCTCA GCCCAAGAAA CCTAGTAGTA
235651 ATTTAGGTAT GTGGAAACC TGTGTTGAAC TTCATTCTT TCCACTACAG
235701 GATGAAGAAA GATTGGCATG TCTGCACACT TTCAATCTGT CTTAAAGAAG
235751 CTTCTAAAC ACATTTCTCT TTCACAGTTC TCATTTCTAG TTAATGTAAG
235801 AGTAGATATT TTTCTGTTT CCAGTGGGGA GAAAAATGAT TGTCTATCAC
235851 CTCAATAATT TATAATCTCA TTGACGAGAT TTTTAGGACT CATTATGAA
235901 ATAATTATA AGCATTTGAA GTTATTTTCC CTAATGTACT ATTAATGTTG
235951 AATACAAGTA GATGAAATAC AATATTTTGA GCTATTTAAC AGTACTCACT
236001 TTTGTATACT AAAAAATCCA GTTTTAAATA TTTCTTCTT CTTTGAACA
236051 TAGACTTTTC TTGCTTTGCA GGTCAATGGA ATTGTCTTT TCCTCCTTC
236101 TAGGGCAAGA AAAATGTCAG CTAAGGCCTT AGTATGAAA AAGGGAGCAG
236151 GGGATGGATA TGAAAAATTT AGAAAAATTT AAATCAAAAA CGATAAATAG
236201 AGTTGAAGTA AGACAACACT GAGGAAGAGG AAGACCTCCA GATTAGCTCT

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236251 TCTGTTTTCTG TTAATCAATA GGTGTCTAAG GACACTTGCA TCAAGATAGG
236301 AAATACAGAA AGGAGGGCGA GATTTAGAGG GGAAACAAA GAGCTCAGTT
236351 GGGGTATATT GCCTATAAAG TATATGTGGA ATGGGAAATC TGATATGCAA
236401 ATCGTAGCTT AAGAATGAAA TCAGAGCTTA AGAAATGGAT CTGGGAATCC
236451 TTAACACCTA GGAGGTCATT GAAACCGTGG GATTGGGTGG GAATACCTAA
236501 GTAGAATGGC AATAGTCTAT AAATCTATGC CAGTTTTCCA AATGGAAAAT
236551 TATTAAATTT TTTTAAATTT TAGAACTCCT CAACAATCCA TTATTGAACC
236601 GTATTGAAAA TCTGGCCAAA TAATAAAGC ACAAAGAGTA GAATTTCTAG
236651 AATATTCATA TCTACTTCTT ACTACCTTCT TTTTCATCAC CAAAGCAACT
236701 TAACCATGTG TAAGCAACAA TTTTATTCCT TAAAGAAATA ATGAAGCCAA
236751 CAGCCATAAT TAGGGATAAT GTGTAATTTT TTCCTAAATC AATTTAATTT
236801 CAGATAGAAT TCCTAGTATA AAACAGAACT TTCTCTAGCT AAGTTAGTAA
236851 ACTCTCTTTT TGAATGTGTT TGCTGGTAAC ATATTTTAT GTCAATCAAA
236901 GAGCAATTAA AACACCATGT TTCCTTAGTA ATTGAAGTTG CAGTACATA
236951 CAGATTGAGA TTTTATTTTT AAGGTGTATA TTTAAACACA ATTAGGTATT
237001 TGTCTACCAT CTATAACAAA TGAAAACAAT ACTGCAAATA TTTTATATGT
237051 TTTTAAATGT AATACTAGTA AAGTTTATTA AGGTATAGTA AGCTAGCCTT
237101 TGAATTTTGG AGCTAAATCT TTCCATTCTT GGAGGAGAAT ACCTGAGGA
237151 CAGTGTTCAA GCACATATCA CATATAAAAT GGAACAAAAA AGTAGTTTAA
237201 AGTAGATAGG ATGTTTTCTG AAAGCTGATA GTTTACTTAT TTCTTGTTTC
237251 TTTTCCPTTT ATGTCCAGTT CTTTGGGCTA TGCTTCTTTC TGGGCTCAAG
237301 TGATCCTCCC ATCTCAGCCT CCTGAGTAGC TGGGATAAGA GGTGTGTGCC
237351 ACCATACCCA GCTTTTACTT GTTTTTTAGA AACTGTTCTG TTATATTTCT
237401 TGAAGAAAGC AAGAATAATA TTCTCACAAC CACTTTTTGC ACCTTTCAT
237451 AAAATTTTGA AAATATACAA CAGCAATGTC TTTGCCATAT AATAAAAGTA
237501 TAGTATTTAT ATGGAACCAA AAACAATCTT TCAAACTCA GCAAATTTAA
237551 GAACAAATGA GAATGAGGGA ACAACATTAA TACCCTCACA GAAAACAGAT
237601 TTTTAAATTT AAAAATAAAT TATAAAAACC ACCATATTTT ATTTTATTGG
237651 GTCATAATTT ATCTTCTTGC AATCTATATA TCTCAAGGTC TAATTATAAT
237701 CTGGCATAACA TGTTGTACCA GCAATATCTA TAGTTCACCT TATTTATATT
237751 TTTGAGTCCT AGAACTCAGG ATAAATGAAA ACTAGTGACC CTACACCTCA
237801 AAAACTCAAAG AATTGTTGCC AAAACTCAAT CTCCAACCTG TAATCTTCAC
237851 CTGTTTGGTT CTGAAAAGTAT CTCCTCAGTA TGATGCTGGA CTAGTCCAAC
237901 CCTGTGTAGT CCCTGCTGTG ATTCCAACT AAACCTCAATG TTATTCTGCA
237951 GAAACATTAC CAAAAAATAA AAAAAGTCCT CCAGCTCAAC CTCCTCCTCC
238001 TCCTCACCTT CCTCTCCTC CTCCTCCTCA CATTTTACG TCTTAATCT
238051 GAAAGACTGA CTCAATCCCT TTGTCTTATG ACATTTTGTA ATATCTAGAA
238101 TGGCTTTTGA TATTTTCAGC TTTTACCTTT ACTGCTTATT TCCCCTTAC
238151 TGGCCTCTGT TTATTCATTG ATACAAAACC ACAGTTCAAT ATAATATGAA
238201 ATGATCATAG GAGTTATAAA AACTTCAGAA AAAAATGGAT AACTAGTATT
238251 GGAATATTAT AGATAAAGTC GTTAGGGAGG TTCTTTTGAA AAACAGAGTG
238301 TTAGCAGAGA CCTGAATAAA GTGAAGCAGT GATTCCAGTG AAGGTCTAGG
238351 CAGAGGAAAC AGATGTGCAA AGGCCCTGTG ATGGCAGCGA TGGACTTGGT
238401 GTATTTAGGA ACAGAGAGGT GGCTCAATTT CAGTGAGTGA GAAAAGAGA
238451 AGAAACAAA GTTTAAAAAG TAGCAGAGGC CAAATTAGTT AAGGTTTTGT
238501 AGGCTGTGGA GAGAACTTAA TATTTAGCAC CTTCCTCAGA TCTCTAACCT
238551 TGGTGGAATT TCAACATGG TTTGGATTTT CCCATCAGCC ACCATGCCTC
238601 AGACTTTCTT GGATGAACTT GTTAAACAAC CTTCCAGTTC ATCTAGGCCC
238651 TGAAGCTGTA TACCTTCTGC CTCTCATCTG TTGTGGTTTG GCTCTCACTC
238701 GGGAGACACC TATTGCAAAT TTCTTTCTAG GCCCCAATC CACCTCTAAC
238751 CAAACTTACT GGATCTTTTC CCTCACCCAT TTGAAAGTAT GTAGTAAAC
238801 AGAATGAAAT TGCATTTTAT TACAAAATAT CCTAATAGAT TCTCCTATGT
238851 GGGTCCTCTC CAACTCTGAC TCCACCCCCC TCCTCTGCAA GGACCCTAAT
238901 ATCCAAAAGG ACATTTCAAC TTCCAGTTCC TCTCCAGTG AGACTTATAG
238951 CATTCAAATTT CTTATGTCTG GTTTATAACA TTTTGTAATA ATTTCTTTTT
239001 ATCTCACAACT TAACTACTT TCACTTTTAT TCTTAAATTT GACATTAATC
239051 CATTTGTGAG AGAACATGAA TGGAAATGCT ACAAACCGTT CATCCTTTAT
239101 AATGTTAATA AGGTACATGT CATGAAAAGG TTATTAGGAA AAATTAAGTG
239151 CAGTCCATGT TTAACATATG AAAGGGAGCA TCTGAACTCA CGTGTTTACA
239201 ATATTTAATG TAACTTTCTA AGATAAAGCA TTCCAGAGTT CTAACTTTG
239251 ATCAGCTATG CCTGAGTACA TCGTTTAGTA CACAGATAAT TGTATGGATT
239301 ATTAACCTTG AAAGAAGACA AGTTACAATT AACTTTACCA TTGATAGTCC
239351 AAGCAAAATG TTAAAGAGAT TAATTTTATA GTTTGTAGG GAACATGACA

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239401 TTTAACTACA GATTGAATAA TGGCAAGATC ATTTAAAGGTT ATTTGTGTCC
239451 TGATTTAGAA GTTCCATGTA AGAAATGTTA AAAACACCAA AGTAAGCANN
239501 NNNNNNNNNN NNNNNNNNNN NNAAGTACTT TTTTAAAATT TGGGAAGTCA
239551 GAACAGATAC AATATATTCA GATGATTATT GGCAAATGAA TTTGGAGCCA
239601 AATGCCCAGA ACCCTTGACT GGTGAATTTA AAGCTTCATC TTAAGTGAAG
239651 GAACTTTCAG TCTGCTGATA GTATTTGCCC CTGTTATCTA TAAACCACTG
239701 ACCACCCGTA GGCTCAGAC TTTCATAAAC TGGAGCATCG TGAACCATAC
239751 ATTAACCAAT CACATTCTTC TCCAAC TAGGGAACA AAACCTCAGC
239801 TAGGTATTGT TCTCTCAAGA GTATTGATAT GAACAATATG AGTTACCCTT
239851 TTTTCCCCTT TCCTTTTGGC TAAGTTCTTA TTGAATCTTA GAGCAAAAAA
239901 GAACTTTAAA AATAATATAG TACAAGGATA ATAAATAACA TATTTTACCC
239951 TGTTCTTTTC TCCCATGGG AGACATCACT ACTCCATGGA ATGTCCTTTC
240001 CCATGAAGCA TAGAATGCAT CTCAAAATTT CTAGTAGAGC ATTTAAGGCA
240051 TCCACTTCCA ATCAACTGGT ACTCCAGGTA AAAACTACCT GCCATACCTG
240101 ATCTAGCCAA ATTTCCATTT TACAGTTAAC AAAACAGGGA CCCAGAACTA
240151 CTTGCAACTG GGTTAGAGAC ACAGCCTGTA ACCCTGAAAT GGAGTTTGTC
240201 TGTATTGGAA GTGTTAATTC ATGCAACAAG TAAACTTCC ATCTTATTG
240251 CCCCATATTC CAAGTTTCTG AACTGAAACA TGTATGTAGA TCTGTTTAAT
240301 ACAGAGCTGA CTTTGAAAGG CTCGCTTCTT TAGCATTTCT ACTGTGCACA
240351 AAATATTAGA GCATTTAGGG GCTTGTCACT GAAACCAATT CTTTTCATAC
240401 CAACAAGATA AATGTTCCCT AAATACTGGG AGACTTGCTG CTGTTTAGAA
240451 AATCATAACA CCTGTAAAAC TGGCAGAGAC AAAATTGTCC ACCCCCCAAT
240501 TATCTGTTTT TTTCATGAGT GAATGAATGT CAAAGTGGG TGCCGTAATT
240551 TGTGAAGTAC CCTAAAGGAA GATGCTGGAC CTATTGGTGA TCACCTTCTC
240601 GGAGCTGCTT GGTCTCATTT AATTGAATGA GCTCCCTATT TATTTTCTC
240651 TAAGCCCCAG TGTAGAGAAT AAGGCAATCA CCAGAAGGTA AAAATAACAT
240701 AGTGTAACCC TTTTGCCCTT AAGCTCATAA CAGGTGGTGT TCTGCAGAGA
240751 TTAGTCTGGG GTGCATTTAA CATCTCTGTA TGTGATTGAT TACAAGCTAG
240801 AGAGAGTGGT CATTAAAGTTT GCCAAGTACA TCACATCATC AGGATGGGTG
240851 AGCACCTTGA AAGACAGGAC TAGAATTAAA AATGACCTTA ACTGCTTGAA
240901 AAATGATTAC AAACAAATGA AATTGAGTTC CCTACAATCA ACTATGCAGC
240951 AAAATACTAA ATAGACCTCC AACTGCACAA ATTCAGTTT GAAATGGATG
241001 AATTGAGCCC AGTGCTGGTT GTTACCTAGT GAATGTAAAT CTGTACTTTG
241051 GTTGACATGG CTTCACTGAT TAGAAAGTTA GCATAATTGT GTATTGTACA
241101 ATTAAGAAAA GTAGAGTAAT TTGGACTGTA TAAATGTAC AATGTAATTT
241151 TTGTGAAACA TAGTATATAA TTTTGTTAAT AAACCAATGA AAAAGTAGAT
241201 TAATCATTA TAATATTTTC CAAAGTAAGT TATGAGATAC ATAAATTAGA
241251 AATAATGAAA ACCGTAAAAA AAAAAGAGAC CACATGTAGA TAGAAATAAT
241301 AAATAATTAC AAGAGTAGGA AATATAAAAA GTTAGGAAGC ATTAATAAAA
241351 CAATTTGGAA ATTTTGGAA ACAAAGCTTT TCACTGTCAA AAGGAATGAA
241401 AATAATATAT ATTAATAGT ATCATAGAGA ATTTAGGTCA CAAATAAAAA
241451 CAAATGCTCT TGAATGCTAT AAATTCTAAT TTGATTTTAC AACATTATTT
241501 CATAGAGGAA AGGTTACACT GTTAACTTAC AGCTTTGCCT GGATCCAACA
241551 GTGCAGAAGA CCCAGAATAA TGTATCTTTG TAGGGGGA TACTTATGTG
241601 GAGTTTAAAT TCCCCTCTG AAGAAAGGCT AATTTCTGAG AATTGTTTGA
241651 TTACATGAGC TTTCTTTTTC TTTTCTTTT TTTCTTTTTA TTATTTATTT
241701 ATTTATTTTT TGAGACAGAG TCTCGCTCTG TTGCCCAGG TAGAGTGCAG
241751 TGACATGATC TTGGCTCACT GCAACCTCCA CTTCCTGGGT TCAAGTGATT
241801 TCCAGCTAAT TTTTGTATTT TTAGTAGAGA CAGGGTTTCA CCATGTTGGC
241851 CAGGCTGGTC TTGAACTCCT GACCTCAAGT GATCCACCG CCTTGGCCTC
241901 CCAAAGTGCT AAGATTACAG GCATGAGCCA CTGCGCCAG CCTTCACATA
241951 AGCTTTCAAA GCAATCAATT ACAAATTTAC TGTTCACACT ATTATGAAAT
242001 TATAATATTT TCTCAAACTC TCCCTCAAAA CTCATAAAAT CTAGAATCTT
242051 TAATATTATT AGTTCATATA GAACACCACA AAGATGTGT GACATTCCTT
242101 TATAATGCTT ATATTCCATA AAATCTTCTT TCTGTAAAGC AATAAAAACT
242151 TGGGTGAAAC CTTTATACT ATATATGAAA CTTTAATGCT AGAAAGAACT
242201 TTTGACCTAA TCTCAGTAAA CAATTTTCA TTGGCATATTC AATGTAAACA
242251 TGGCTTTTAT AGTTATAAAT ACAGGAGTGA TGGTTACACA GTACTCAGCA
242301 GTGTGCAGTA ACATTTTAA TTGACCAAAT TACTCAGTAT TGGGTCTTTT
242351 AAATTAGTTT AAGTGCACAT AAAATACATA TCCCACATGC TAGTTTATAG
242401 ATGCTGCTAT GATTTTAAAA TACTGCTTTT CTTAAATACC TAGAAGGGAT
242451 TTTTTTTGGC CACATATAAC ACTAAAATAA TTTTATAGTGA CTTTTTGTGA
242501 ATGTAGATAT TTATCATTTG TATCACTTTT CCATCAAATT AGTCTCTGTA

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242551 TAATTGAAGG GGTTTTCTC ACTTGTGTTT TTAATTTCTT GAAAAGGTCT
242601 CTTTTTTGCA AGATTTCACT CCGTTACTAT AGTCTAGCTT ACTTACAAAA
242651 GAAAAACTAG ATGGTAACAT CCACATTAAC TTCATAGGCA TTGAAAATCA
242701 ATTATTCAAA GTCTCTTCAG AACCCACCTA GAGTTTGAAC ACCTTAACCT
242751 GTGTGTAAAG TGTTGGCTTC GGCAGCTTCT CCTTTAAAAA GAGAGAAATT
242801 TTTCTATCTC TGTATCAGC TATCTCTAAG GTGGGGAAAA AACGGAAATA
242851 AACAAGAGTA TAAATGCAGG TAAAGGGGAA GCAAAATGAC AAGAGATTGG
242901 CCAGGAATAC TGGGATTTAG GGGTAGAAAG ATTCTCTGGG AAATAGTGTA
242951 CAAACAGAAC TCAAATTTAG ATTTTATAAT TTACATACTT GATTCAGTAC
243001 ATATTCAAAA ATACTCCATG TTTCAATTTG TAGAAAAAAA TTAAGTTTTC
243051 AAAATGTTGT TTTAAATTTT ATTCTTATTT TTAGTTGACA ATAATTGCAT
243101 ATACTTATGG GATACAATGA AATGTTCCAG TGCATGTATA CATTGTGGAA
243151 TGAGAAAATC AGGTCAATGA ACTTATTCAT CACCTTACAT ACTTTTCATT
243201 TCTTTGCAGT GAGAACATTT AAAATCCATT CTTTGTAGCA CTTTGAATA
243251 CCAGTACAT TGTTATTAAT TATAGTCACC TTGCTGTGCA ATAGATCACC
243301 AGAATTTATT CCTCCTAAT GAAACTTTGC ACCCTTTGGC CAACATTTCTC
243351 CACCAACGCT GCCATTTACA CCTTCATACC TCCCAGCCT CTGATAAGCA
243401 CCATTCTACT CTCTACTTCT ATAAGTTTGA ATTTTATGAT TCCACATATA
243451 AGTGAGACCA TGTGATATTT GTCTTTCTTG CCTGGCTTAT TTCCTTTAGC
243501 ATAATGTTCT TTAAGTTTCT CCATGTTGTC ACAAATGACA GAATTTTGT
243551 TCTGTTTAGG GCTGAACAGT ATTTTATGTT GTGTATATAC CACGTTTTTA
243601 ATCAATTGAT CATCGAGCAT TTAGGTTGTT TCCTTATCTT AGCTGTTGTA
243651 AATAATGCTG CCGTGAACAT GGGAGGAGAG ATATCTCTAC GGTATATCGA
243701 TTTCAATTCA TTTGGATGTA TCACCCAAAA GTGGGACTGC TGGATGACGT
243751 GGTAATCTTA TTATTTCTCT ATGAATTTCC ACCTGTTTTT CTAAAATGGA
243801 TGTACTAATT TACATTTCTG CCAACAGTGT ACAAGGCTCG GACTTTTGT
243851 CACATCCCTCA CAAACGCTTA TTTTACATCT TTTTAAATAA CCATTTCAAA
243901 AAGTGTGAAG TGATATATCT TTGAGATTTT ATTTTGTATT TCCCTGATAG
243951 TAGTGTTAAG CATGTTTTGA TATTCCTGTT GGCCACTTGT ATGTGTTCTT
244001 TTGAGTAATG TTTATTCAGG TTCTCTGCCT GGTATAATT GGGTTATTTG
244051 TTTTCTTGCT GTTGAGTTGT TTGAGTTCCCT TGTATATTTT GGATACTAAC
244101 CCCTTACCAG ATGGACAGTT TGCAAATATT TTCTCCCAT CCATAGATCA
244151 TCTCTTCACT CTATTGATTG TTTCTTTGCT TGTGCATAGG CTTTGTAGCT
244201 GGATGTAATC TCATTTGTCT ATTTTGTCTT TTGTTGTCTG TGTTTTGGG
244251 GTCTTATGTA AGAGATTATT GATCAGATCA AAGTCATTTA GATTTTCCCC
244301 TATGTTTTCT TCTAGAAGTT TATAGCTTCT GGCCTTACAC TTAAGGCTTT
244351 AATTCATTTT GGGTGATTCT TGTGTAAGAG GTGACATAGT GGTCCAATTT
244401 CATTATTGTG CATGTAGAGA GCCAGTTTTT CCAACAACAT TTAATAAGA
244451 GACTGTCCTT TCTGCCTTGT GTGTTCTTGG CACCTTTGTC AAAAAAATCA
244501 ATTGACCATA GCTACATAAG TTTATTTCTG GGCTCTCTGT CTTATTCCAT
244551 TAGTTGATTT GTCTGTTGTT TTGCCAATAC CATGCTGCTT TAATTGCTAT
244601 AACTTGGTAA TATGTTTTGA AATCAGGTAG TACAATGCCT TCAGTTTGT
244651 CTTTGTCTCT AGATTTGCTG TGGCTATCTG GGTCTTTTGT AGTTCCACAT
244701 AGAATTTCTT GTCTGTGAAG TTTTGAATGA AGTCTGTCAT TGGAGTTTGT
244751 ATAGGGGTTG CATTGAATCT ATAGATCCGT TTGGATAAGA TGGACATTTT
244801 AACAATATTA ATTTCTCTAA TCAAAGGACA CAGAATTTCT TTCCTCTTAT
244851 TTTGTCTCTT TCAATTTCTT TCATCAATTT ATTTTATAG TTTTCAGTAT
244901 ACAGATATTT AACCTGGTTA GTTAACCTTA CCACTTAGTA TTTTATTTT
244951 TATGCTATTA TAAATGTGAT TGTTTTCTTA ATTACTTTTT AGAAGTTCAC
245001 TGTTAATGTA TAAAAATGCT ATTGATTAT TGATTTTGT AACCCTGATT
245051 TTAATCAATT TATTTGCTG TTCTAACATT TCTTGGTGGA GTATTTAGGG
245101 TTTTCTATAT ACAAGATCAT AACATTGGCA AACAGAGATA ATATCACTTT
245151 TTCCTTTTCT GTTTGGATGC CTGTATTTT TTTTCTTGA CTAATTGCTC
245201 AGGCTAGGAC TTCCAGCACA ATGTGAATAG AAGTGGTGAG TGAATATCCT
245251 TGCCTTGTTT CTGATCTTAG GGGAAAAGTT TTCAACTTTT CACCACTGAG
245301 TATGATGTCA ACTGTAGGCT TGTCATATAT GGCCTGTATT GTGTTGAGAA
245351 ACTTTCTCTC TATACCTATT TTGTTGAGAG ATTTTATCAT GAAGTGATGT
245401 TGAATTTTGT TCAATGCTTT TTCTGCATTT ATTATGATGT TCATATTGTT
245451 TTTGTCTTCT ATTTTGTAA TATGATGAAT CATATTGATA TGGTTTGGCT
245501 GTGTTCCAC CTGAAATCTC ATATTGAACT GTAATCCCCA TAATCCTCAC
245551 TTGTCAATGG TGGGATCAGG TGGAGGTACT TGTATTATGG GGGCAGTTTA
245601 CCCCATGCTG TCTTGTGAT AGTGAGTGAG TCTACAAGA TCTGATGGTT
245651 TTACAAGCAT TTCTGGAATT TCCCCCTGCT TGCATTACT CCATTCTGGC

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245701 ACCCTGTGAA AAAGGTGCTT GCTTCTCCTT TGCCTTCTGC CATGATTGTA
245751 AGTTTCCTGA GGCTCCCCA CCAAGTAACT TCTTTCATTA TGAATCAAAT
245801 AAACCTCTCT CGTTTAGAAA TTACCCAGTC AATTGATTAT ATGAGTCAAT
245851 AAAACTTCTT TCCTTTAGAA ATTAGCCAGT CTTGGGTGTG AGAATGGGCT
245901 AATACACACA TTCAATTGATT TACATATGTT CAACCATCCT TGCATCCCTG
245951 GGATAAATCC CACTTGATCA TGGTGAATGA TCTTTTACT ATATTGTTGA
246001 ATATGGTTTG CTAGTGAAT TGTCTCTTGG TATCTGTGGG GGATTGGTTC
246051 TGGAAATCCCT CATGGATACC AAAGTCCACA GATACTCAAG TTTCTTATAT
246101 AAAATGGTGT AGCATCTGCA TATAACCTAT ATATATCCTC CAGTATACTT
246151 TAAATCATCT CTAGATTAAT TTCAATGTAA ATACTATGTA AATTGTTGTT
246201 ATATTGTATT GTTCAGGGAA TAAGGACGAG AAAAGTCTGT ACATGTTCAA
246251 TATAGACACA GCACAGCCAT CCTTCTTTTC TCAATTTATT TATAATATAC
246301 AGTTTACTTA ATCTATGGAT GTGGAACCAA CAGATATGAA GGGCTAACTG
246351 TGTTTTATT TACTGTTATA TCTTTATTCA TCAGAGATAT TGGCCTATAT
246401 TTTTCTTTCC CTCTAGTATT CTCAACTAGC TGTGTTATTA CAGTAATGCT
246451 GGCTGGTAA AATTAATTTG GAAGTAGTCT CTGTTTTAAA CTTTTCTAAA
246501 TGTAATTTA GGTTAGCTAT AATCTCTTTT CCTTGCCCTC AACTCAAAGC
246551 CCCTTCCCAC AAGAACTTT CCTTGGGTTG GGGATGGGGA GAGTAGGAAA
246601 TGAGAGAGAG AGAAAGAGAC TGACAAAGAC TAAAAGTAGT TAAAGCAATT
246651 GTATGAAGCC AGTGGTTCCA AAGGAATACT TACTGTTTAT AAAGTAGCAT
246701 GTCTGTGAGG TAAACTAGAA TGTTCCTTTA AAGACGCTTG AAAGGACATG
246751 CCCTCACCTT CCCCAAATTC TGAAATTTGG GGCCTTCATC AAAATTTCAA
246801 GTTTAATTTG GAAGGTCTAA TTTGAACTA TGCTATGAAA CCAAAGAAAA
246851 GTGTTCCAG ATGAATGAAG ACCTGGTCCC AAAAGGT CAT GGAAGATAGC
246901 ACTCCCTGCA CAAAGTGATG TTAATAATGC CATCCTTTAT ACAAAGGATT
246951 AGCCAGTCAA CTGCAAGACA GGAAAGATA CACTAGAATG AGAATATGCA
247001 ACATTTGAAT GAAAGTGAGA AATATGAGTC CAAAATGCT TCAATGAGTA
247051 TTTCTTTGA GTCCCATGTC AGTCTCATA AAGTTTCAA ATTTTTTCAG
247101 CAGTATGGAT TAGGGATACT CAAGCTGTAG AAACCAAAT GGTAAAGAAA
247151 TCATCTTCAT TTTCAATTTAG AAATGAGTTT TTGCAAAATA CAAAATGTCA
247201 AATAGGTTCA TGGCTGTATT ATTTTTGTG ATTAATTATC AAGACTGAAG
247251 ATTTGACCTG AAAGCAGGAA AAAAAACATG AATAAACAT ATTATCACAT
247301 ATGAGAAGTG GCGATTCTTA TTGCTGCCTA CACTATTCCA GCTTCAATAA
247351 CCAAAGAACG ATATTGAAGG TGGCATTTCA GAATGACATA CAGTGTCTTT
247401 TCTGGAAGGA AAGAAAAATG TTGCTACCTA CAAATGTTAA ATTGGGTCAC
247451 ATTTTTGCTA AGATTTGACA AGGACTAGAC TAAGATTGAC TCTGCTTGTT
247501 GTGAGCATTT GGAAGTGTTT AATATCCCTA CTCTTCAAGA GAGCCATCAC
247551 TTTTCAATAA TACAGAACAC CTGTCACCTC TGTCTGCCTA TATTATTATC
247601 CCCACTATAC AGAGGAGGAA AAGTGGAACT ATTTGATTGA AGCAAAGCAA
247651 ATTCTTAAAC ATAACCTCCA CTACTTATGC CAGAGATCAG AAAATTAAGG
247701 CCCATGGGCC ATATTCAGCC CACAGGCCCTG CCCCTTGTTT TTTATATACC
247751 CTCGAACATA GAATGTTATT AATATTTTGA AAGAGTTGCC AAAAATATGA
247801 TTATGAAGTG ATAGAGACCT TGTGTGGCTC ATAAGTCCCTA AAACATTTTT
247851 ATTTTTTGGC CTTTGGCAGA GATATAAATG ATATAGTTCC TTTAAATAT
247901 AACTTAGATG ATTGATTATG AGTAACTAA ATGATTTAAA TAAAAATAGA
247951 ATGTATCTAT CTGAACCTAG AAAATAGAAA TAGGCTGCAG ATACTCATTC
248001 ATTTACAAAG TGCTGTGATA CACTTCTGAT GTAGATTAGT GGATGTCAAA
248051 ACTACATCAA TATTTTGATA ACAAGAACAA ATACACATTT CTATTTGTAA
248101 ACGTGGCCAG CTCAACAGAA ACTAAGTTGA TAAGGCCAAT CTTGCCAGT
248151 ATAGTTAATA AATAGGAGTC ATAAATAAAA ACTATATATT TATTTTAAAC
248201 TCATTATGCT AACCAGATA TATGAATAAA GTAGTGCTAA ATTCTCTGGT
248251 AAGTAAACAA AGGCTCTGAG GGTCCCTGGA GGGAGAGATA GTAAGCATT
248301 GCTGCAGCCA ATTTTTTCAG CTTGCATTTT GGCTTCTTTG AGCCAGATCA
248351 CCTAAGTCCT GACACCTGTT CATGCTGCTA AATTTCTATG CCTGCCATA
248401 GCCTATAGCC AAGAGTCCAT TTTCTCAAAG TGCTTCAGGT TTTGTGGTTA
248451 AAAGAGTCAT TTGGAAGCCC TCATAAAATA AGTGTGCCCC TTGCTTTTCC
248501 ATCCTCCCCC ATACACGCTT GGGAACTATA TTTACTAGGC TGGACCTTC
248551 AGTACTTAAG GATATCTCTC TGACTCTGGT GGCTCCACC CCTTCTCTTG
248601 GCGATATATT AAATACTTAC AACCATATCA GCCTCCTTGC CTTAATATAA
248651 CTCTGATGCT GGTTGCAGAT TGTGGGTGAA ACCTTTATCT ATCAGGAGAC
248701 TAGGAATAGA TCAGGAAACT CAGCACAAC CTGAATTAAG TAACCTTTAA
248751 GCTGTGGGAG ACTTGAATCA CCCCACCAAC CTAGTACACT ATTCTTAACT
248801 TTCTTTGCCT ATATTTTTGT TAAATTGAAA AAGATAAGAC TGCTCCCCCT

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248851 TCTCGCTTTT CCGGTCAATT TAGTAGAAGG GAAAAATAAA GAGGATTGAA
248901 TTTCCATCCA TTCTGCATGA GACTTTCGTG ATTACTTCAA CATTTAAAGT
248951 CTAAAAATTT TTCTCAGAAA GTTACTAACT GGACATATAT AACAAGCTGC
249001 CTGAAAGCAC CAGAGCTAGG AATGTAATCT CCGAGAGGAA GAAAAGGAAG
249051 TGCTAACAGG AAGAACCGGT GTATTGACTC TTGAGTAGAA AAATACATCA
249101 ATAATGAGGA TTAAATTTTA AAAACACAGA AAAAAATTAT TTGCTACTTC
249151 TAAAATAAGA ACATATTTCA ATTATTATTT TAATTTTAAT AACAAATATT
249201 CTATAGACTT TTTGTGGCAG TCAAATATGT ACAGCTACCC ATTTTGTACA
249251 TAGTAGCATG ATGAAACTTA GGACCTATGT CACCCCATGA CTCACTGAGA
249301 GTTAAAGTTA CTCATTTAGC TACTTACGAG CCACTGCATG CAAATTAATT
249351 GCACCACTAT GAAGGTACTT GCTATTTATC TTATCCCTTG CATGGGGTCT
249401 GTTTTTTTGT GAGTGTGTGT TTGTGTCTC CACAAAATAT GTCGCTGTTT
249451 AATTCTAGGG GATAAAAGCT GGAATTCCTG AATAGGAATA GTTAGAAGTG
249501 ACTCTAGCTT GTTTTTTTTT ATAAAAATA ATAATCATTG AGCTCTTTTA
249551 TATGCTTGTA ATATGCTGGG CACAGTTATA AGCGCTGAGG AGAAAAATGT
249601 GAAGGAGAGT CTGTGCACTG TTGAAATCAC ATTCTATTGT GATAAGACAC
249651 AAAAAATAAA GAAAAATAAA AGAAATGCAT AAAAAATAAA GAAATGTGGT
249701 ATAGATAATA AATTGGGTGA TGTATAAGTA AGATAATCTT GTTGAGAAAG
249751 GTGAAGTGGT TGCTCAAGGA AGATTTCCTC GGAAGAGGG TTTAGCTGAG
249801 CCTTACAGGT GGAGAGGGAG ACAGCCAACG AAGAGCTCGG GAAATGCAGT
249851 CAGAAAGGAA GAACCAGCAA ATCCCCAAGG GCATTGGGGG TGAGTATATC
249901 CCAGGAACAG AAAATTTATT ATAGCTGAAA CACTGAGTGG TAGGAGATGA
249951 TGTCAAATGG TAGGCAAGGG CCAGGCCATG GTGCTTATAT GGACAAGAGT
250001 TTGAATTTTA TTCTTAGTAT ATTGGGAAGC CCTTGGAGGA CATTAATGAC
250051 ATGCTCTAAT TTACATATTT AAAAATTACT CTAACAGATG TGCGTGGAAA
250101 TAGGTTAAAA GAAAGGAAGA GGAGAAGTGG AGACTATTAG AGTCACCCAG
250151 GCTACAGATG GTACTCACTA GGGTAATGGA GGAGAAATGG AGATCAGTGG
250201 CTGGGCTTGT TACATATTTT AGAGCTCTAA TTTAGAAGAC TTCCTGCTGA
250251 TAGATTGGAC CAGGGACTTT GTGCTGATAA TTTGGGAAA TAATAAACAA
250301 TAACTCTAAA GTATTTGTCT TGAGCATGAG GAAGACTAGA GAATATGGCT
250351 TTTCAATTTT TTCCCTTTGC TATTATTCTG GGTCTTAGGT CCCCTGTGAT
250401 ATGCTCTGTG TCACCTTCCC AGTCCAGGTC AAGTTAGGTA TGATCCATCA
250451 AGATGCCCAT CACTTTAATC TCATTCCCTT GTTAGAGCTA AAATGTGAAT
250501 CTCAATGACC CTTTCTGTTT TTGTCTCCAA TTGCAGTTTT TAAATACTT
250551 GCTCTAGCTC TTTCTGTTT GCAGTGATTT CACTTGCTCA AGCTTCAGGA
250601 GGTGCGGCTC TCCTCCCACT CAGATGCACT CGGATAAATG CCTAGTTCAA
250651 GGTGTCTTCT TTCTGCCCCT GCTGTGGTTG GGAACCTTCT AAAACTCTGA
250701 TTTAGTGGG ACAAAACAT TTTAGGTGT ATTTCTACAT AAAAGGCTCT
250751 AAAAAACCAAT TATTTCCAG CTTCTGTATT CTAAAATTGT ATATATCCTT
250801 TCCCTCTTCT GCCCCGACT TGCACCCAGA GTTACTCACT TAGAGCTCAA
250851 CTAGCATTTT GTCCCTTAAC AAACACTTTC TGAATTGAAT TAAAATAATC
250901 TAATTTTCCA TATACCATGC ATGGTTTTCT TTTTGTGGA TTTTATTTT
250951 ATAAGTTCAT TCCTCAATAT GTCGGTTCTT ACCTTAATAT ACTGACTTTA
251001 ACAAGAACAT AACTGTTTAA GGAACATAC GTACCCATGG ATATTCCACA
251051 CCTAAATAAT ACAGTTAGTA GCAGACATAG TACTTTCAA ATCATCATTA
251101 CTTGTCACTT TTTGTATTAG AAGCCACCCA AGTATAAAAT CTGAAAATTT
251151 GGTGTCTTCT TATGTTAAAT TCATGGTTTT ATTTTGAAAC TCATTTTACC
251201 AGTAGACTCC TTCTCAGAT AGAATCCTAT GTGGGATTCC AATCCCTGGT
251251 CATGAAATG CATGATGAAG CTGCTCTGCT GGGGGAGTGG AGGAGCTACC
251301 CTTTCAACCC CTTCTGTGCA TCCTATGATT ATGCTTGAGA TATTTATCCA
251351 TGTGAGAGTT TGTGCTCTAC AAAATGCACT TGAAAACCTC AGTGTTAAAA
251401 AATTATTCAA TTTCTGTTT TTTAAAACAT CTGGTTTGGG AACTCTTTTA
251451 TTTGTTCTAC TTTTATGACT ATAATTCAT AATCCTGATA ATGAGACACA
251501 CACACACACA AACACAAACA CACCTCTCAT TCCTAGGATC ATGGCAATGC
251551 ATCTAAGCTA CAAAGAAGAA TGTTCAATTC TCTGCCTCTT GTTAAACATT
251601 GAAGAGACTG CTTCTACAG AAGTGGGGTT TTGTTAGTA AATAGTGAGG
251651 ACAGCTTTCT AGACCTTTCT CAGCGCTCTC CCGATTACA CGGTTTATGG
251701 CCTGCACTGG GAGTCGTTCT GTCTACAAAG CCCCAGAGTG CCATGGCCAC
251751 ATTGCCACTC TGCATTTGGA ATTCTAGTTG CATTTCTTCT ACATCAGCCT
251801 TGTGAGGTAA AGGTGGGCAT GAAATATTTA GCACAGAGTC AAAAAATGAG
251851 AATTTAGACC ACATTTTGGG AGCCACCTTA ACTACCCGTA TTATCTACTC
251901 ATGAAATGTG GATTGGGATT AGGCAGGGTG TCAGGGCTCC TGTTAGCCA
251951 GGCTGTGCTC CTTGAGGATA GTAACCCAGT CCTAGGATCG CACCCACCAT

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252001 TGGAGGGAGA GGAAAGAGGG TAGGTGGGTT AATGACAATA CCATTATTGG
252051 ATTTTGTAA AGGACACAAA ATTACAGCTA GATAGGAGGA ACACCTTCTA
252101 ATGTTCTATA CCACTGCAGG ATGAGTGTAG TTAACAATGA TGTATTATAT
252151 AGTTTCAAAT AGCTAGAAGG AGGATATCAC ACGTTCCCAA CATGAAGAAG
252201 TGGTAGATGT TGAGATGACA GATAATTACT CTGATCTGAT TAGTATACAT
252251 TATATTATATC AAAACATCAC TATGTACCCC ATAAATATGT ACAATTATGT
252301 GTCATTAAAA ATAAAATTTT AAACATATACA AAATACTTTA AAATGAATCT
252351 AGAATATAAC AAGTAAAGAC TGAATTAAGA GGGACAAATT TGATTTCAAC
252401 AAGAGGTTCA TAAATTGATT ACACACATCT CCACTTGACA AACACCCAAG
252451 TTTTGTTTTT GAGGGGGTAT AAGGAAAAGA CCATAGTAAT AGTAACATAG
252501 TAATATATTA ATCAGTTAAT AGTAAAAAAT TAATAACAT TTACATCTGC
252551 TTTACATTAT GTTTAATAGT GAAGCTACTA GAATCTGTAT CAAACAGAAC
252601 TTATTACATG AAGATAACAT AAAAATTGAA TTTTTTTTTC AGAAAAATAA
252651 CCAAAGAAAG ATTTGTGCTG TTTCTTAATC TTTTCCCTAA CTTTCTTCT
252701 AATATCAATT TGTGGGTAAC ACTCAGAGGT GTGAAGGTCA GTAGTGGCGT
252751 CATCATGTGC CTTGCCTCTT TTCTCATGGT AGGTGTGTCG AGTGCTTTAG
252801 TTGTCTACAT TCCATGGTCT TTCAACAGCT AGTTCAGTGC AGGAGCGATG
252851 GGAGGAAGGA GGCATGGGAT TGCCAATGCC ACTAGTATTC CTATTCAATA
252901 GCATGGCTGG CTTTCATTTT TTGGCAGCAA TTAGAGATAT AAGGCTGTTT
252951 CCTGGGAAAT GCGTTGTTTG GTATAAGCAG TAGAACTTGT AGGTATGTCG
253001 GCTGTTAGCT TGTATTCTTA TATATACTGA CTCATTATGT GTTCTTAGGG
253051 TGTGAGAAAA CAGAGAGCTA AATGAATTG GCTTCTTGTG GATACAAAGG
253101 CAAAGCAAAT GAAAGTTGAC ACACATTGTG GTAAGAAGTA AATGTTTGAC
253151 TATTCCATAG ATAGAACCAT TTAATAAAG GCAAAAAGGG AGATGCTTTT
253201 TTTTGTGCT TTTTACCATT GCACACACTA GTGTCTTTTC TCGAAAAAAA
253251 TGGGAAAAAG AAACATATATA AACCAAAATA GACTCATAAA ACACAGAGAG
253301 GGTGGGATG ACACAATGTG CTTGCGTGTG TGTGTGTAAC TAAATATAAA
253351 CGTGTTTTTT CTGCTGCTTC TGCTATCTTA TATTTTTTTA AAAAAATTCT
253401 AAATGCTATA AGGACAAAGG CTTTACAATA AAATTGATAC TAACAACAAT
253451 CTCAGCAATT TCTGCAACAT GAACTCTGTA TTAGTTCTTC CACAGCAAGC
253501 TGTGAGAGCT CTAGGAAGTT ATTGTGAGTT GATGTCATAG AGACTGGAGG
253551 AAGAAAATCT ATGCTCTAAA GGAAACCTCA TTGCACTGTA TTCTAAAAGT
253601 TTTGTTTTGCG TCCAATATTC CCATGACAAT TTCCCAGAAA AATAATATCT
253651 GAACCTTATA ATACCTACCC AAATAAAAGA TGTAGTCAAT GTGTTTGATG
253701 AAATCTACAC AAGTTTTCTT AATGGGACTG GCAGGTCATT CATAAATATG
253751 AAGTAAATGG CATAATAAAC AAGCAGAAAA TTAAATTTCAT AAATTACAGG
253801 CAAAAACATT AAGCTATACC ATGACAGAAAT TCATGTATAT GAATTCATTT
253851 AATACTAACT AAGTTTTGCT TACAAGTAAC ATTTAATCAG TAGAATTAGT
253901 GATGGAAAAA CAAGCAGCTA TTTCTTCTGT AGGAAAAAAT ATATGTGTGC
253951 AGTGTATAAA TCAGGGCTTA AATTGGACAT GGAGTCTTGA CTAAATTTTG
254001 GTCATGACGA TGATAGAAGT ATGCAAAAAA GGTATAGTAT GGCTAACTTT
254051 ACATGTAAAG TTGACATAAA TATTTCTTAT TTTTATTTTT AAATTTTAAT
254101 GGGTTTTATG GCATGGTGAA AATTATTTAT ACTAAGAAAT TCATATATTT
254151 TGCATATTT CTAAATTTAT AATAAACTTA CAACTTTTAA TTTGTGTTGA
254201 TTCTAAATTC AACATTGTAT TTCTAGGAGA AAAAAGCAAA AAAAAAATAA
254251 AAGGAAAGAA ACCATTATCA TTATATCAGT TATTTACTGC ATCAGTTAAT
254301 CAGGCATTTC AAACCTTCTC AAATTTAGTG GCTTAAACA AAAACCATTT
254351 ATTTGCTCAT GATTCTGCAA TTTGGGCTCT GATCAGCTGG GTAACCTTGG
254401 CTGGACTCAC CTGGCATCAC TCCCAGGGT TGCACTCATC AGATTTTGAG
254451 GGGAGATGGG CTGTCTAAGA TGGCTCCACT AATAGATTG AGGGCTCACC
254501 TGGGATGGCT GGGATGGCCA GGGAGCCTGG GCCTTTCTCC CCACGTGGTT
254551 CATTGTCTTA AGGTTTTTCA GAGTCTGGTG CTCTCAACGT TCCAAAGGGC
254601 AAAATAGAAG CTATAAGGAA GGCCTTTTGA GGTCTCATCT CAAAAGTTGC
254651 ACAGTGTCAC TTCTGACACA TTCTATTAGT CAAAGCAAGA TGCAAGATCA
254701 GCCCAGATTC AAGGAGAGTG GGATTAGAGA CTCCAGCCCT TGAGGGTAAA
254751 GCAAGTATG CACATTGAAA ATGGGCTTAT AATGTGCATA TAAAGATGGA
254801 AGAATTTATG GCCACATTTA ATAATCTGTC ACAAACAGCA AACTAAAAGG
254851 ATATTACTTT GATGAAGTGA TAGTAATCTA ATCATAACTA TATGGGAAGA
254901 AAATCAGAAA ATTTAATTTT TTTAAAAGGA AAATTTTATT ATGTGAAAAT
254951 ACATTTTCAGG GTTTGATAAA CGCTTTAAGG TATGTGAGA TTCTGGACAA
255001 ATCATTTCTGT GGCTTTATGA GTTCACACAT TTATTGCATT TCTGTATAAT
255051 ATATATGATT TATTCATTTT AAATAAATAT AGATAAGACT TGTCAACATG
255101 ATCAACTCCA ACACATTTCT TATTTGCCTT AATATTAATC TAATAGTGCT

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255151 CCTGAAAATT CTTACTCTCA GCTTGGGTCA ATGAAATATG ACATATAAAA
 255201 CTGGGAATTA TTTCAATTTT TATTCAAGTC TGTCTTTTAA AAAATTAATG
 255251 CTTTATACTG TTGTGTCTAT TTATACTAGA TAGAACTAT CATTGTTGTTA
 255301 TATAAGATAT TTTAGAAATG CTTTATCAAT CATTATCAGA AGATTAATTT
 255351 AAATTTTATT TCCTTTCAAA ATCTCTGTAT TATTAGAATA AAAATCTATA
 255401 CATGATTAGA TGTATCCCAG TTTGGAAAGA TTAGGTCTTT AGATATACTA
 255451 CATTTTTAAA ACTTGCACAT GTTCCATTTT ATTACATTTT ATTGAACAGA
 255501 CACAAGTATT CAACTGTTGC TTTCTGCAAA TAAATTTGCT AGTTGTGGGG
 255551 CAGAAGAAGT GAGACGGAAG AGACACAAAG ATGAATAAAA AGATCCTGGC
 255601 AGAAAAAGTT TACAACAGCA GCAGAAAGAT CTAAGCACAC AAAAAATGCA
 255651 AAGATGATAG GAAAACAGAA ATCAAGAAAC GTATGGGTTT CAGAGTAGTC
 255701 CTATTTACGT TTCCAAATTA ACCACTTTTA AATCCCCTGG TTGAGGAGAA
 255751 CAAGGTGAGA GGGGAAACAT CAAGGAGAGA GCCCACACCC AGCAGTTCCA
 255801 TCCACATCAT CTGGGAATC GGAACCCAGG CCGGCTGCAG GAGCCTATTC
 255851 TCTACTCTTG CCCAGAAAGT AAGTGTGAT TAGTATTCAG TTACACTCTG
 255901 ACAGCACATC TTTTACAAA GCATTTTCAT AAACACCCAT ATTCTCAGTA
 255951 AGTCCTACAA AACTTGGTGA GACAGGTAGA GCTCTTGCTT TACAGACTAA
 256001 AAAAAAAAAA AAAAGCTGGG GATTGAATCA GGGAAAGTGA CTTGCCCAGA
 256051 GCTAAAAAAA AAAAAAAT TAAAAGGAGA ATGAATTAGG ACAAACCTTA
 256101 GGCCTCATGC TCATCCCATG ACTTCTTCTT TTCTACATGG AGTAAGTTTA
 256151 AGTTTAGAAGC ATAATTAGTG GGGAAAAGCA TAATCTTGCA ACAGCAGTGC
 256201 CTCTGAGCTC TAATGCTGTG TAAACTTGAG ATCTAGATTC CCCAGTTGTA
 256251 ATAGGTTCCC AGTGATGTGA TGTATGTAAA GACTAAAGGG TGAGTTCTCC
 256301 CTGGCATAGC TTCTCAAATA CTTCCACCCC AACCTTCCAT AGCTTTAGGA
 256351 TTTATACCTC ACCGTCAATG TTCCCTGTTT TGTAACAAGA TTCTTTTGAT
 256401 ATTTCAAGAG CTAACCACCT TTAGGTGGTA CCTGGGGTCC ACCTTCTTGG
 256451 CTCCCAAGTT TGAGATATTA TCCCAATTTG AGATATTGGT ACATTTCTCA
 256501 GACTAATATC TGAGGTCTTT GAAAGTTCAA GGACATATTC TTGGGGATTA
 256551 GATAATGCTC TATAATAATT ATTTAACCAT ATTGAACTG CGAATAAAAA
 256601 TAAATGGAA ATGGACATAA GATATAGATG ATGTTTCCCT CCCATGAGAA
 256651 TTTACAAGT TTGGGTGTGT GAAAGGATGT AAAACAAAAT GTAAATTACA
 256701 TCATCAAAAC GCATATGGTA TTAGAGGCCT ATACACCTGT ATCCACAGTT
 256751 CTAAATGCAA TAAGTAGTTT TAAATGCAG TAAGCATGTA TTTAAGTAAG
 256801 AGCAATTCCA CATGCAGTAA GTAACATAA ATGCAAGGTG TGACCTGTAT
 256851 GGACATAAAA TTATTTACAG CTTTTATCTA TATATTTTAC TATGAACATG
 256901 TATACATTCA TATATTTTGA TGCATAGATA TCAATGTGCT TGATTATGG
 256951 GACTGCCCTT TTCTAAAATC TGAAAGCCTT TCAAACTGTA AATAGATCTT
 257001 GCCCCAATGT TTTTGAAGA TATGTATAGA CCCATATAGG TGTGATTACT
 257051 ACAAATAAT TTTTACAGT TCGCATCAGT GGCCAGTGCC CTGTTTGCTC TTTTAAGGAC
 257101 AGCTTTATGA AGACATTAGT GCCCTATTCT TACTGCTGGT GTTTTTTCCA
 257151 GCCAGGTAAC ACCAATCATA ATATTAAATA CTGTTACTCA TTTCCATTGT
 257201 GTGGTTTTTG TTGTATTAAA TTTGTAAATG CATTAGGATT ATAAATCTGT
 257251 TAGGAAGTGT GAACATTGTA AATTAATTCT GAATTTTGTC TTTTCACATA
 257301 TTTTACATAC TTTTACAGTA AAATTATTAT AGGTCAGCAC TGGAAGAATT
 257351 TGGAGTTTTT TTCTTGCTT GTTTAAAAAT AGATGTATTA GTCGTATTTA
 257401 AGAAACTTTC TTTACCATTA TACTTAATAA CTGAAACAAG GATAACAATG
 257451 TGATAGTTTA GTGAATTTCA ACTTGTTTAA GCTTTGTTAT ATTGACAAAA
 257501 TAACCCTGGA GAAATGTAA TTATATAGTA AAAGATGACT GTGATATCCT
 257551 GCTGTGTATC AGGAAGAACA ATTTTACTA CTTGTACATG CTCTGAAAGT
 257601 ATGCTAAAT TTTCTCTTT ATGGAAGCA TGATGAAAT CTCAGTCTCC
 257651 TTAATATTGG AAATCTGTAT CTTCTCTTGC TACTAACCAT CTGCTCACCT
 257701 ACCTGAAGTA TCTGTAGATT CTGATAAATA AAAATTTCCC TAAATATATC
 257751 ATAACCAATT ACAGTTTACA GCTATTAGTC AGGCAGACTT GTTTAAATAG
 257801 TGGGGGGTTT TTAAAGCTTC AAAAATACAA CCAGGGATGC AATTTTGAAA
 257851 TTTAGCATT ACCACAGAAG TTGCCTCCAT TGTTTATGCT AAAAGTAGAT
 257901 TTAAATGTC TCACCTCAC TAAGCAACTA AAATATAACG TTTAAAAATG
 257951 TACTCAGCGT GGAAGATTT ATGAGCAAGC AATTATATCA AACTCTCATT
 258001 TGTTTCTGAT TTTACTTTCT AGATACAGGT GTCCTCTAAT ATCCAAATCA
 258051 ATGATCATAG AAAAATCAGG TTTAATCTCC TTATCTGGGT AGGAAAGTGA
 258101 GGTGAGAG GTTTCCTAGG TTGTGGAAGA TCACACAGCT AATTAGTGTC
 258151 AGAGTCAGT CTCTTCTCC CAGTCCAATT GTTTGAACAG TTTTGTGTGTC
 258201 ACTTGAAATG CTGTGTTGTA GATCTAAAGA TAATGTGACC TTATCTGCCC
 258251 CAAAGTTTGC AAATCAATCG TCTCACAGTG CCAAGGCAAA TAGGGCAAGC

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258301 CCAGGGACAA ACAGCATGAC TCAGCCAGGC CCCCTTCAGC AGGGCTGGCT
258351 TCAAAGCTGA GTCATGAAAA ATTAGATTGC AGAGTCAAAG CGCTGTATGT
258401 TCCCGGCTT GTCCTACAAC TAAAAGGGCA GAAAGTCTCA ACCGAGTCAT
258451 GGAATAGGAG AGTTTCTGTA AGGAACTTT CTGCCAGTTC TAAAGTGGTT
258501 ATTTTGTGTT TTATCGCTGC TACTCCTTAC TACTAAAGGG TTAAATGCTA
258551 GAATATCACT CCATATAAAA GAGTATGGGA TAATGTCTCC TGGGTTTTATT
258601 TATATCTTAA TGAAGGACTC CAGAAAACCC TCTTCAATCC TAAGAAAGAA
258651 TAGCCGGTTG TGATTAATGT TTTTGGGCAG CAAATCTCAG CTTAACATCA
258701 CCCAAAACCA AACTAGGTGG ACAGCTAAGT CCAAATGGAG TCTTACATCC
258751 TATTCCAGCA GGGGTAATCT TGACCTTTTA GAATCACCTC TCTTTAAATC
258801 TCAGACTGCA CGGGGAAGTA TTGTTTCAGCC ATGCTTATCC AGCCCTGTCT
258851 AAATCGCACT TCAGTTTATC CAGCCTATT TGGCTTGCAA GCTGGCTTGT
258901 GCTTGGAGAT CTCCCAGGT CTTCCTGCAG AACTGAGCT TATCATCTC
258951 AAATGAGAAG TTTGAGGGG AGTGCAACTC AGCAGTTTAT CCTTTTAAAC
259001 TGAGTATCTC ATCATACTT TTTCTTTCTT TGGGTGGGTG GGTCCCTTTG
259051 TAGCAACAAG ATTTTCAGGCA TCTTTCTGGA TTATTGCAGT TTTCTTAACT
259101 GTAAATCAAA CCAATTTTCA ATAAAGTAAG ATATATGACA TTGTCATTTT
259151 ACTCCTGGCA TTTGATATCA CATTTTTCCT AATAAGTGCA AATATTACCC
259201 AATGAAATAG ATATTAATTT TCAGTCAGTC TAGTGACCTA ACAGGATAAC
259251 ATTTATATAA AACGTTTGCA TCTTGGGTAA GAAATCTGC ATTTAAATAC
259301 ACTTTTAAAA AAAAACTTTA AAAGAATTGC AGTTAAACAA GGTAAATTTT
259351 CATGGTTAGA AAGGACAAGC AGGTGATATA ACCTCCAATG CCTCTTTTTA
259401 TAATAAGGTA ATAAGCTCTC ACCTCCAAAC GAATGTGCCC CAAATACCTT
259451 GGTAACGGAT ATAATAAAAC AATGACTCTA TTCTTGCTCA GCTGTTATAG
259501 TAGTGATTGT TGTATTGTTT AGCCATTCTA ATATTTCATG CAGTTCTGAA
259551 AATAGCTATC CATTTGTTT TGATTTATTA AATTTTGTTC CATCACTTAC
259601 GGATACAAAA GTGCAATTAT TAGCAAAAGTA AGTTGTGCAG TATGCAATGC
259651 TAGTTTTTAA AATTTGGGTC TATCTGCCTA TTGGTTTCAG TCTGTCACGA
259701 ATAAAGAAAG CAACCACTAT TATTTGAAAT CAAAATGGAA ATTCTTCTGC
259751 TCAGAAATCA GGGAGATATC CAGGGATCTA TCAAATTTCA GTTGCGTGAA
259801 GCCTGCCACC ATTACCACT ATGGCCACTT CCATTCTTCA AAACCTTGGA
259851 AAATCGTGT GCTGTATAGC CTCTCTCTGA GTTTTAATTA CGGCAAAGCA
259901 ATGCCAATAA ATACTTCATT GACCATCCTT GTGTGCAGCT AATATATTTT
259951 TTAAATTCTA CCACATTTCA AAATGTTTTG TTCATTTTAC TCCTTTCTCT
260001 ATATCACCCA GACCTCTTGA CATCTGGGGA CTATTTCTAT CTAGGAATTA
260051 TGAAGGTTTC TCTCTACATG TTCCTCAGTT CCCACAGGTG TGCTCTCCTT
260101 GAGTTTGTGC CCTCTATTTT CTACCCCAA CCAAGCACTC TTCTCAACCT
260151 CCCTGACTCT GCTCTGCTAA AAGAGGTTCT CCAGTGACAT CTGTTAGGGT
260201 GGGATTGTTT GATCTGTTCT TCTCTCCAGT CCTCTTTCTT TTAACCCAAA
260251 TAATTAATTG CTCATCCAGG ACACATGATA TTCAGAGGGA ACCTCCTTTC
260301 TACAACAACC CATGAAGATC TTGTCATTTT AAAATGTTGG ATTGAGTTGC
260351 ATCAAACAAA ATTGAAGTGA ATTAATTTGA CTTGAATGCC ACAGAATGGA
260401 CTAAGTATTA CAAATTTGAG TGAATAGGG TAATTTTGTG CTGTGTCCCT
260451 CCTCTTTGAA GCCTCCCCTG TTCATATTCT TATAGTGAGC CCAATGTTTA
260501 TTTCTTGAGG TGATAATTTT TTCCATGTTT TGGCTTTTAT TTACACACTT
260551 TTACTTACAA AATGAATCAT AAAATATATC TTCCTGAAGG ATATGTACTG
260601 GCTCTCATTC ATTTCTTGTT ATTTTGTAGG CACTCAGAAA AATCTTTTTT
260651 CCTTTGGTCT GGGAAACCAAC TTACATCATT TCTAAGTGAT GGACGTGTGC
260701 TGTGAACCAT AAATAATGTA AACAAGTTAG CACTGCCAGA GGACAAGGGT
260751 TCAGTTAGAA AGACCTTCCT GACTGTGAGC TATGATGCCT TTAGCACAAAG
260801 CTCAAAAAGG TCATAGAGTT GCATTCTCTG CATATTTTCC AGAGAACAGC
260851 CTGGAGTACA TGTGACCTGA TCTATAGTCA AGCCCATTTT GAATGAAGGT
260901 AGAGAACTAC TATAGAACT AGCAACAGCT ATTCAGGAGG GTGTCACCAT
260951 TATTTTTTCC AATCCAAGAA AACAAGTTAT ACTTCTCCAT TAAAGGTCAT
261001 TTAATAATAA TTAGCAGAGT ATTTCCGAAA AGAGAAATCA TTGCTTCTAC
261051 GTAACCTTTC ATCCCACAG TTCCAGTTGT CAGCCTTTCT GAGAAAAAAA
261101 AAAGTGTTT CTATCTTTGA TACTCTATC TACTCTGTGC CTGTCTTCGC
261151 TAGGGTTCAT CATTAACCA ACTGCTTCTG TTGCCATTAT AAGAAATGTA
261201 GACTTTCGGA AAGGCTTGTT ACATTTTCTG AGTGCCACC CTGTTCAATA
261251 AATGGTACTT TTCATCTGTC CCTTTTGTG GCAGGGGCAG TTTATCTGCC
261301 AATATCCCCTG GAATTGCTCC CTGTTTCACT GCACCAAGGA TGAGAGGCCC
261351 TACAGGTTTT TGTCTGAAA CCCGTATGTC AAACACTAGG GAGGTTAACG
261401 AGTCTCCAAC CTACTCACTG AAAGTGAAGA AAACAGAAGT TTCATATTGA

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261451 CATAGCCGAG GATCAAGAAG GACATTACCT CCTTGAAAA GTGATTACAG
261501 TGGCTCTTTC CATACACTTC CATCAGCCAA GATGTGCTGC ATCTCCCTCT
261551 ACAGGAACCA AAGCTGAATA AGCCTGCATC TTACTGACGT TCCTTTTCTA
261601 TTTCCCGGGA GAGACTAAAA AGTGGCTCAG CCTACAAGGG AGCCAAGGGA
261651 CCACTTTAGC ATGACCCTGA TTCTTGAGGA GAGACGAGCT TCATATGCAG
261701 GTGCAGTGAA GTCTCCCTTC TGGCCCCATT CTCTGCTCAG TCGATACAG
261751 TAAGAGATGC CTTGGCTTGC TGCTCAAATT ATTTATATGA CTCAAGGATC
261801 CACAGAGCCC TCATAAGCCT CATAAATGAG CTCAGAAAA AACTGACAC
261851 ATTTTCTTC ATGCTAAGCC TGAATTTTAC TAACACATAG GATTATTTTA
261901 TGATCCAATC AGTCCAAGTG TAGGCGTTTC AGTAGATGCG TAGACATAAC
261951 ATACAATTGA TTTCTTGCC ACAGATTAAA AAAAAAACT CATAAATCTG
262001 AATGAAAACT AATTTTGTAT TTTAGTAGAA CTGAAAAATA TAATAATAAT
262051 ATTGGTAACA ATGATTACAA TTTGGTAGGA TTTTCTCAT AAGATGTTCA
262101 TTTTCCCAAT GATAGCAAAG GATGCTTATC AAGGGAAATA GGTCCCACTT
262151 CTACACTCAG GAATTACTTT TCTCCTTTCG ATTTGTAAAT GGATATACCC
262201 AAAACTTCAG TTCCTATGCC ACGAATAAGC ATGATCTCTC CAAGTGCCAC
262251 CTTCCAGTTA GCCCAGGGCG AAACACTAAA GTGGACAAAG TACTCCAGTT
262301 TTCTGTTTTT CTTTTTCACT GTCATCTAAG CTTCAGCCCT GGCTTCCTAA
262351 GTTTCAGTG TCATGCTCTA CCCTCATCTG CCCTGCTTGA GCACTGAAGT
262401 GACCTTCATA GAACAGTGAG CCCAAAGCTT AGGGTCAGAA GCCTTGCCCG
262451 TGTCACTAGC TGGTTTGTCA TGCTTTAGAT GTGTCAACCG TTTCTCTCTA
262501 TGGAGTGGAA ATAATATCTA CTTTACCAGG ACATGATAAG GACTGACATT
262551 ATATATGTGG AAACATGTTT GAAAGCCGTA AAGCACAAAA TAAATATAAA
262601 TATTTAAACA CCCTGAAATA ACTTATGCTA AATGCCTGGT TCAATAGATA
262651 TGAATTTGCT AAAAAATTAT TTTTCATAAA TGTACTTTTC ATTTCCCCCT
262701 CTTTGGTATT GTCTCAGCTA GCGTTGAAGG ACCCACTGTC TCTCTCACAT
262751 TAGAAACAAT TTCTGTGTAA AACATCCCAA ATCATAAGG GCACATTGA
262801 CTCATGTATG CATTGTAGCC TAGGGGCTTG TCTCCATAGT CCTTGAATC
262851 CAATACTAGT GGAAGGATCA TGGATTTTGG AATTAGGCAT ACTCAGAATT
262901 ACATCTCAGC TCAGTCACTT AGAAATTCTA TGACCTTGGG CAGGTAACCT
262951 AATCTCCTTA GGCTCCGTTT CTTCAACTAT AAAACGGAAA TAGCAATGCC
263001 TATGTAGAAG GAGCCTGACA CTAGTAAATA TAAATATATA AAATAGTTTT
263051 CATTCATTTA ATTTGGAAC TGTGGAAT TCTATCAAAC AATAGTCTTG
263101 TAAATAAAAC TGTGCTTAGT GTGGAGTAAG CAAGTTCAT CTATGGAGAA
263151 AAAATAAAT GAAGTGATTT TATGTTGACG TAGTCTTTTG AAGTTTGTGA
263201 AGTACTCTCC CTTGAATCTT CCTCATCTAG TTTGGTATGA CTCTGTGAGG
263251 AAAGGAACAG GTTGTATTCT CTCAGTTATG CAGAAGTAAC TGAAATTAGA
263301 TTATGTGCCT TGGCTAAAGT TGCAGAAGAA AATCATAGGA ATGGGGAAGC
263351 TAAGTCTGGT GCTAAGAGCC TCAAATTAAA TAATTTTGT CCAAGATCTT
263401 CCATTATTTT CTCAATTAAA GGCCAGTTTC TGTACGAGT TTCCAAATCT
263451 CTCTGGGTTC CTCAATAGAT GATTTCCCTG ATTTTTCCTT CTACCTATGA
263501 ATAGATAGAT AGATAGATGG ATAGATAGAT AGATAGATAG ATAGATAGAT
263551 AGATAGATAG GATGGATAGA TGATAGATAG ATAGATAGAT AGATAGATAG
263601 ATAGATAGAT AGATAGATAG ACAGATAGAT CTATCTGTTA ATGCTTTGAT
263651 GTGGCCTTAA GTGAGGGAGA GTAAAGAGAG AAATTTTCAGG GAAAGCTGGG
263701 TGTGTTGACT CATGCCTGTA ATCCCAGCAC TTTTCAGAGG CAATGCAGGA
263751 GGATTACTTG AGGCCAGAAG TTCAGGAACA GCCTGAACAA CAGAGCAAGA
263801 CCCAATTTCT ACAAAAAAAA AATTTTTTAA TTATACTGGG CATGGTGGTG
263851 TGCACCTATA GTCCCAGCTA CTCAGAAGAT TGAGGCAAGA GGATGGATCA
263901 CTTGAGCCCA AGAGTTCAAG CCTGCAGTGA GCTATGATCA CTCCACTGTA
263951 CTCCAGCCCG GGCAACAGAG CAAGATCCTG TCTCCAATAA ATAAATAAAT
264001 AAATAAAGAA GAAAAAGAAT AGAAATTGCA GGAAGAGTTT ATAATAAAGT
264051 ACCCTAGTTG AAAGAGTTTC TGTTCCTCAT AGTTCTACCA GATCTAATTA
264101 AAAACTTACC TTTCTTTTCT TTCTGTCACC TCTCTTCTCC TCACTTCTTT
264151 CTTTTATTAC AAGACCCTTG GTCATCATTG GAGTCTTTGC TAGCTCTAAA
264201 AGTGTATGTT TTACCACTTG TTTTCGTTGT ACCCTCTTGT AAACAGGAAA
264251 AAAAAACCCC AAAAAACCCA AAACACTAGA AATATTTTTG TGGTTGAGGT
264301 GGACTCTTTT GAGGGGAAA AGTGTGAGAA ACATAGAGGA AAAATAGATT
264351 TAAATGAGAG CAAATGTTAA GATTAGGTAA AAAGGAAGGA GACTAATTT
264401 CATTAGCTGT CTCAAGTTTT CTGCCTTAAA AGAAAACATT CCATTAAGGA
264451 ATAGGTCCAA TTCCAAGTAT TTCTCCAAT TTTTAAATCT TGGCATAGTA
264501 GAATTGGGAG ACATTTGATC TCCTTCTTTC TCACTATCCC CAAAACCTG
264551 ATTTTACAGA TGAGAAAATG AAAGCTAGAA AGGTGATATG ACCGGCAAAG

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264601 TTGCAGAGAA GTTAAGAGAG CTGCAATTAT TCTTGTCTTT TGAATCACGA
264651 CTTTCTAATT TTTAGCCTCA AATAGTGTCA AAGAAAAAAA GTTTAACAAA
264701 CCAAATGTTA GTAAAATCAC AGTTAGAAAA TTTATGAGAG GATTTGAATT
264751 CTTACATCA ATTTAAAAATA AATACAAGTT ACTTGGTATG CAGCCATGAT
264801 CTTGCTTTAT GCAAAGATTA GATGTTGCTA TTAAAAAAT GCACTTTTGC
264851 CAAATTGAGA CCTCTTCAAT ACTCATGGGT TCACCTCTAA ATCAAACCCA
264901 AATTATGTGG TTCTCAAAGT TGTATATGGA AAAACCCCAT TTTCTTCAAG
264951 TGAGTCAGCA CACTGAAAGA TTGTTTATAA TGTTTCCAGG ACTGAAATAA
265001 TAAACTGTTT GGTTTAATTT TACAGCTACA TGGCAAAGTG CGAAATTAAA
265051 TTGCAAAATG TCTCTGTGAG CTAATTTTAA ATTTTAAAA CTAATCTACA
265101 ACTGACATAA ACATAATCCC CTTAGTTCCA AGGCAATTAT AGTTTTTCTG
265151 GTTAATTCAC AAATAGATGC TGTGTTTGTG AAAAGGCAAT GCAGTTACAT
265201 GCAGAAGAAC TGAGCAGATA ATAGTGGCCA GAACCTGAAA TTTTATGTTC
265251 CGTGGGAAAG TCAGTCTCTA GGGTTATCAA GTGCAGCTGT TGGTGCTGGT
265301 AGAAATATAA CATAGTAGGA TATAACATTC AGGAAACATG GGGGTAAACA
265351 AGAGCCAGCT AGCCAGGACA GCATTTGAAA TTGGGAGATC CAATAGAAGT
265401 TAAGGGGGTG ACTCAACTGG CAGCATAGCA GAGTGTGAGG AATTGCGGCA
265451 GGCAGGTGGG AAGGGAGCCC CATGCAAATC TGTATACAGG TAACAGAGTC
265501 CCAGACTTTA GAAAGAGGCA GACTAAAGTC CCCTGTGAAA GAATATTCTA
265551 GAGGATCAAG TTCCAAGGCT GGGATTGAGA CAAGAAAGCC AGAGTAGGCT
265601 AAATGCGGGA AGAGAACCAT GATTGAGGAA TAAGGCAGAA GGCCAATTAT
265651 TCTACTTGAT CTACAAGGTC AGGGTCAAAC TAGCAGCAGA TGTGATTTGA
265701 TCCTGTGTCC CCAAATAGAA GGCTTTACAC GCTCTCAACC CTCCCATGCA
265751 TGGTCAAATT CCCAGTTCTA GATCCCGGCT CAGCCTGCCT GCCAAGTGAC
265801 TTAGCTAGAG AAGAGGGGGT TGGGGCTGTG CAGAGGCAAG ACCTGGTATG
265851 AATTCTTTAA TTTTCCACA ATTACTGAAA CATTGAAGGA GTAAAAGCCT
265901 CACATGCCCA ACACCTCCAC TAGCATTGTA TACCATATGC CAAGGATAGC
265951 TCATACAATA TTTAGTATTC TCATCTACCT GAGCATTAG CATTCCACCT
266001 GAAATACATG TGATCATAAG AAGCAACAAT AGTTAATGTT TGACTTTTGT
266051 TACACAACCT GATAATACTG TGTAGAGGAA AGAATGTGCA ACTGAATCTC
266101 CAAAGGCAAC CTTTGTGTCA TGGGCCTGCT GGGACTGACT GTGGCTTCTC
266151 TGCCACCACC CAGCTTTGCT CTTGTCTATG GTAGTCTGGC ACGATGAGCT
266201 CACAGGCTCC TTTCACTCC AGCTTTCTAA ATTTTATTTC CAAACTCCAA
266251 GGGATGACA CTACTAAAGA ACCCATGGGA TTGTTCTTCT AGAAAGTGCC
266301 AGTGGCATTG ATAACATTGA ATACTTACAT GAAAACCCAA AAACCTCTGG
266351 CTCTAAGCAG TTTGAGAAAG TAATTACAGT CTATTAAGTA AATAGCTTAC
266401 ATTTTCAAGT GCACTTATGC AACTGTATTA AGAGACCATA ATAAACAACCT
266451 ATTACCATTC TATTGAGCCA ACTAACAGGT ATATAATTGA GTTTTGTTC
266501 TTCTCTTTT TTTTATACAA AGAAGAGAAA ATTAATACTT TAAAAAATAC
266551 TAAAGTTTGA AAGAGACTAT TAAAGCCCTA AAATAATGAG TTGAGACAGG
266601 CTTGTCTGTC AACTTGAAGA ATGGCTAATG AAAAGTCAGA ATGTACAGCC
266651 CAAGTTCTCC CCAAGCCGTC ACATTTGGCA TTGTATTAAA CATTTATGTT
266701 TATTAATCTT CAGTGCACAG TATGTACTTT GCAGTGTCCA GTGACAAATA
266751 TAAACATCCA TGCCTTAGAG ATGCAAAATA CACCTATGTT GTATAAATTT
266801 GTTCAGTGA TATTCAGTGA ATTATGTGAT TTTAGATCAT TAAATACTAA
266851 TATTTAACAC AAATTTCAAA CTCTAAAAAA TTACCTACTT AAAAGATTG
266901 ATGATAATTT GGATAAATTA AGAATTATGA TTCAAAATTT GTTTATTCTG
266951 TTCTTTTTAT AACATATTCG TGATTTTTAT AGCAACCCGT CCTCACAGGC
267001 ATTTTTTTTC CTGGTAACTA TATGCCACAA TGTCTTGCA TAGGTATTAA
267051 ACTGTGATTC AAATATCTCT GCATTTTCCT TAAAAAGTTG AAAATTAGAA
267101 GCTCCCTGCC AGTTGAATGT ATAATAATAT TTTGTAAAGC AGTCAAGTAT
267151 ACCATATTGA ACATAACAAC ATGTTGGATA AATTTTCCAA AGCAGTACCT
267201 AGAATAATTT TGTAAATTA TTGTTAAATA ATTTCTTAAT TTAGATGTAT
267251 GCAACATAAA CACACACACA AAAAAGGTGG CCGAAATACT TTTGCCTACC
267301 TGGTGGACTA AAGAAAATAA TAATGTTCTC TACAGGTATA TTAAAATAAT
267351 ACATATCTTA TGAATCTGCT AAATATGTAA TTAATAAACT CTTTGTAAAT
267401 TTCCAAGCAA TGGAAATTGCA TAGCTTGCTA TTTTCTAAGG TATGTCAGCT
267451 TAAATCTTTA TGCCTGATCT TCGTTTATTT TAATTATGCT ATTAGTATTA
267501 CTTTTATTAC ATCAAACCTT TTATTCAATT TTGTATATCT TTCATCAGGA
267551 AATGTTTTAAT AGTTTCTCTT CTTCAGCCCT TGAGTGGTTA GACACTGTCA
267601 TATTAAAGAA TGAGCTACTA TTCTTACCTT TGATGTTCTC ACACCTCAGTC
267651 ATGGCTTGAT TTTGTAATTC CTCCATCTCT TATCATAATT TCCCTTTTGA
267701 CTTTTCTACA CATGATCCTA TTTACATTTT TAAGTTAATT TGCATAAAGT

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267751 TTTTCCTGCA CATTTCACAA CATTTCCTGA GGAATTCATT TCAGGGTATA
267801 TTGAGATCAA GTATAAAAAT TATTAGGCCA TATTTGTAAT TTCATGACCT
267851 TTTTTTTTAA GTGTGTTATT ATTATACTTT AAGTTTAAGG GTACATGAGC
267901 ACAATGTGCA GGTTAGTTAC ATATGTATAC ATGTGCCATG CTGGTGCACCT
267951 GCACCCACTA ACTCGTCATC TAGCATTAGG TATATCTCCC AATGCTATCC
268001 CTCCGCCCTT CTCCCACCCC ACAACAGTCC CCAGAGTGTG ATGTTCCCAT
268051 TCCGGTGTCC ATGTGTTCTC AGTGTTCAT TCCCACCTAT GAGTGAGAAT
268101 ATGCGGTGTT TGGTTTTTTG TTCTTGTTGGT AGTTTACTGA GAATGATGAT
268151 TTCCAATTC ATCCATGTCC CTACAAAGGA CGTGAACTCA TCATTTTTTA
268201 TGGCTGCATA GTATTCCATG GTGTATATGT GCCACATTTT CTTAATCCAG
268251 TCTATCATTG TTGGACATTT GGGTTGGTTC CAAGTCTTTG CTATTGTGAA
268301 TAATGCCCGA ATAAACATAC ATGTGCATGT GTCTTTATAG CAGCATGATT
268351 TATAGTCCTT TGGGTATATA CCCAGTAATG GGATGGCTGG GTCAAATGGT
268401 ATTTCTGGTT CTAGATCCCT GAGGAATCGC CACACTGACT TCCACAATGG
268451 TTGAATCAGT TTACAGTCCC ACCAACAGTG TAAAAGTGTT CCTATTCTC
268501 CACATCCTCT CCAGCACCTG TTGTTTCCTG ACTTTTAAAT GATCGCCATT
268551 CTAATGGTG TGAGATGGTA TCTCATTGTG GTTTTGATT GCATTTCTCT
268601 GATGGCCAGT GATGATGAGC ATTTTTTCAT GTGTTTTTTG GCTGCATAAA
268651 TGTCTTCCTT TGAGAAGTGT CTGTTTCATGT CCTTCACCCA CTTTTTGATG
268701 GGGTTGTTTA TTTTTTCTT GTAAATTTGT TGGAGCTCAT TATAGATTCT
268751 GGGATCCAGT CCTTTGTGAG ATGAGTAGGT TGCGAAAATT TTCTCCCAT
268801 TTGTAGGTTG CCTGTTTACC CTGATGGTAG TTTCTTTTGC TGTGCAGAAG
268851 CTCTTTACTT TAATTAGATC CCATTTGTCA ATTTTGTCTT TTGTTGCCAT
268901 TGCTTTTGGT GTTTTAGACA TGAAGTCCTT GCCCATGCGT ATGTCCTGAA
268951 TGGTAATGCC TAGGTTTTCT TCTAGGGTTT TTATGATTTT AGGTCTAACG
269001 TTTAAGTCTT TAATCTATCT TGAATTGATT TTTGTATAAG GTGTAAGGAA
269051 GGGATCCAGT TTCAGCTTTC TACATATGGC TAGCCAGTTT TCCCAGCACC
269101 ATGTATTAAA TAGGGAATCC TTTCCCATTT GCTTGTTTTT CTCAGGTTTG
269151 TCAAAGATCA GATAGTTGTA GATAAGTGGC GTTATTTCTG AGGGCTCTGT
269201 TCTGTTCCAT TGATCTATAT CTCTGTTTTG GTACCAGTAC CATGCTGTTT
269251 TGGTTACTGT AGCCTTGTAG TATAGTTTGA AGTCAGGTAG GGTGATGCCT
269301 CCAGCTTTGT TCTTTTGGCT TAGGATTGAC TTGGCGATGC AGGCTCTTTT
269351 TTGGTTTCCAT ATGAACTTTA AAGTAGTTT TTCCAATTCT GTGAAGAAAG
269401 TCATTGGTAG CTTGATGGGG ATGGCATTGA ATCTGTAAAT TACCTTGGGC
269451 AGTATGGCCA TTTTCATGAT ATTGATTCTT CCTACCCATG AGCATGGAAT
269501 GTTCTTCCAT TTGTTTGAT CCTCTTTTAT TTCATTGAGC AGTGGTTTGT
269551 AGTTCTCCTT GAAGAGGTCC TTCACATCCC TTGTAAGTTG GATTCCCAGG
269601 TATTTAATTC TCTTTGAAGC AATTGTGAAT GGGAGTCCAC TCATGATTTG
269651 GCTCTCTGTT TGTCTGTTGT TGGTGATAA AAATGCTTGT GATTTTTGTA
269701 CATTGATTTT GTATCGTGAG ACTTTCTGAA GTTGCTTATC AGCTTTAGGA
269751 GATTTTGGGC TGAGACAATG GGGTTTTCTA GATATACAAT CATGTCATCT
269801 GCAAACAGGG ACAATTGAC TTCCTCTTTT CCTAATTGAA TACCATTTAT
269851 TTCCTTCTCC TGCCTAATTG CCCTGGCCAG AACTTCCAAC ACTATGTTGA
269901 ATAGGAGTGA TGAGAGAGGG CATCCCTGTC TTGTGCCAGT TTCAAAGGG
269951 AATGCTTCCA GTTTTTGCCC ATTCAGTATG ATATTGGCTG TGGGTTTGTC
270001 ATAGATACCT CTTATTATTT TGAAATACGG CCCATCAATA CCTAATTTAT
270051 TGAGAGTTTT TAGCATGAAG AGTTGTTGAA TTTTGTCAA GGCCTTTTCT
270101 GCATCTATTG AGATAATCAT GTGGTTTTTA TCTTTGGTTC TGTTTATATG
270151 CTGGATTACA TTTATTGATT TGCATATATT GAACCAGCCT TGCATCCCAG
270201 GGATGAAAGA GTCCTGAAG GAAGCACTAA ACATGGAAAG GAACAACCGA
270251 TACCAGCCGC TGCAAAATCA TGCCAAAATG TAAAGACCAT CAAGACTAGG
270301 AAGAACTGC ATCAACTAAC GAGCAAAATA ACCAGCTAAC ATCATAATGA
270351 CAGGATCAAA TTCACACATA ACAATATTAA CTTTAAATAT AAGTGGACTA
270401 AATGCTCCAA TTAAAGACA CAGACTGGCA AATTGGATAA AGAGTCAAGA
270451 CCCATCAGTG TGCTGTATTC AGGAAACCCA TCTCATGTGC AGAGACACAC
270501 ATAGGCTCAA AATAAAAGGA TGGAGGAAGA TCTACCAAGC AAATGGAAAA
270551 CAAAAAAGG CAAGGTTGC AATCCTAGTC TCTGATAAAA CAGACTTTAA
270601 ACCAACAAAG ATCAAAAGAA ACAAGAAGG CCATTACATA ATGGTAAAGG
270651 GATCAATTCA ACAAGAAGAG CTAATATCC TAAATATATA TGCACCCAAT
270701 ACAGGAGCAC CTAGATTCAT AAAGCAAGTC CTGAGAGACC TACAAAGAGA
270751 CTTAGACTCC CACACATTAA TAATGGGAGA CTTTAAAGACC CCACTATCAA
270801 CATTAGACAG ATCAACGAGA CAGAAAGTCA ACAAGGTTAC CCAGGAATTG
270851 AACTCAGCTC TGCACCAAGC AGACCTAATA GACATCTACA GAACTCTCCA

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| | | | | | |
|--------|-------------|-------------|-------------|------------|------------|
| 270901 | CCCCAAATCA | ACAGAATATA | CATTTTTTTC | AGCACCACAC | CACACCTATT |
| 270951 | CCAAAATTGA | CCACATACTT | GGAAGTAAAG | CTCTCCTCAG | CAAATGTAAA |
| 271001 | AGAACAGAAA | TTATAACAAA | CTATCTCTCA | GACCACAGTG | CAATGAAACT |
| 271051 | AGAACTCAGG | ATTAAGAATC | TCACTCAAAA | CCACTCAACT | ACATGGACAC |
| 271101 | TGAACACCT | GCTCCTGAAT | GACTACTGGG | TACATAACGA | AATGAAGGCA |
| 271151 | GAAATAAAGA | TGTTCTTTGA | AACCAACGAG | AGCAAAGACA | GAACATACCA |
| 271201 | GAATCTATGG | GATGCATTCA | AAGCAATGTG | CAGAGGGAAA | TTTATAGCAC |
| 271251 | TAAATGCCCA | CAAGAGAAAAG | CAGGAAAGAT | CCAAAATTGA | CACCCTAACA |
| 271301 | TCACAATTAA | AAGAAGTAGA | AAAGCAAGAG | CAAACACATT | CAAAAGCTAG |
| 271351 | CAGAAGGCAA | GAAATAACTA | AAATCAGAGC | AGAACTGAAG | GAAATAGAGA |
| 271401 | CACAAAAAAC | CCTTCAAAAA | ATTAATGAAT | CCAGGAGCTG | GTTTTTTGAA |
| 271451 | AGGATCAACA | AAATTGATAG | ACCGCTAGCA | AGACTAATAA | AGAAAAAAG |
| 271501 | AGAGAAGAA | CAAAAGACG | CAATAAAAAA | TGATAAAGAG | GATATCACCA |
| 271551 | CCGATCCCA | AGAAATACAA | ACTACCATCA | GAGAATACTA | CAAACACCTC |
| 271601 | TATGCAATA | AAC TAGAAAA | TCTAGAGAA | ATGGATAAAT | TCCTCCACAC |
| 271651 | ATACACTCTC | CCAAGACTAA | ACCAGGAAGA | AGTTGAATCT | CTGAATAGAC |
| 271701 | CAATAACAGG | AGCTGAAATT | GTGGCAATAA | TCAATAGCTT | ACCAACCAAA |
| 271751 | AAGAGTCCAG | GACCAGATGG | ATTACAGGCC | GAATTCTACC | AGAGGTGCAA |
| 271801 | GGAGGAACTG | GTACCATTCC | TTCTGAAACT | ATTCCAATCA | ATAGAAAAAG |
| 271851 | AGGGAATCCT | CCCTAACTCA | TTTTATGAGA | CCAGCATCAT | CCTGATACCA |
| 271901 | AAGCCGGGCA | GAGACACAAC | CAAAAAAGAG | AATTTTAGAC | CAATATCCCA |
| 271951 | ATATCCTTGA | TGAACATTGA | TGCAAAAAATC | CTCAATAAAA | TACTGGCAAA |
| 272001 | CCGAATCCAG | CAGCACATCA | AAAGGCTTAT | CCACCATGAC | CATTTTTTAC |
| 272051 | AGAATGCAAA | GTATAGCAT | CTTTTAAAT | TATTTATGTC | ATACATTTAT |
| 272101 | GTTATACATG | CAATATCTGA | GAAAAATAT | GAAGTTACTA | TATAAAGCTT |
| 272151 | AAAAAGTTTG | CATTCTTTTT | GCTAGACCTC | TAGCTAGACT | TCTTTCTTTT |
| 272201 | ATATATTCTT | TATATATATT | TTGTATTTC | TCTTTGTTTC | TACTCCAACA |
| 272251 | GCTTTAACTT | CATCCTTTGA | TTCATAAATA | CCATTGGCTG | CTGGTCATGC |
| 272301 | AATTCAACAA | GAAATGTTTA | ACAAAGAAAA | AAATGTGTAT | TAATATGTCA |
| 272351 | CTCAACTTTA | CCTCATTTTT | ATATTTGTAT | ATTTAATCAA | CTGGAAATAA |
| 272401 | AAATTGTACA | AATTACAGTC | ACACATTGCT | TAATTATGAG | GATATTTTCT |
| 272451 | GAGAAAATGT | GTCAATTAGT | GATTTTCATC | AAATGCAAAT | ATTGCAGAGT |
| 272501 | ATACCTTACAC | AAATCTAGAA | GGTACAGCCT | ACTATACACC | TAAGCTGTAT |
| 272551 | GGTGTGCTC | TTACATTACA | AACCTGTACA | GCATGTTACT | CTACTGATAT |
| 272601 | GGTTTGGCTT | TATGTCTGTA | CCCAATCTC | ATCTTGAATT | GTAATCCCAT |
| 272651 | AATCTCTATG | TGTCAAGGGA | GGGACCTGG | GGGAGCTAAT | TGAATCATGG |
| 272701 | GGGTGGTTCC | CCCCATGTTG | TTCTCGTGAT | AGTGAGTGAG | TCACACAGGA |
| 272751 | TCTGATGGCT | TTATGAGAGT | CTGGCATTTT | CTCTGCTTGC | ATTCATTCTT |
| 272801 | TCTTCTGCTG | CCATGTGAAG | AAGGACATGT | TTGCTCCACT | TTCCACCATG |
| 272851 | ATTGTTAAGT | TTCTGAGGC | CATGCTGAAC | TGTGAGTCAA | TTAAAACTTT |
| 272901 | TTAATTTATA | AATTACCCAG | GCTCAGGTAT | GTCTTTATTA | GCAACGTGAG |
| 272951 | AATGGACTAA | TACATCTTCT | GCATACGTGA | TGTAATTGTA | AAACAATGGT |
| 273001 | AAGTATTTGT | CTATCTAAAC | ATAGAAAAATG | TGCATTAATA | ATATGGTATT |
| 273051 | ATAATCTTAT | GGGACCACCA | TCCTACATAT | AGTCTTTCAT | TGATGGAAAC |
| 273101 | ATTGGTATGT | GGGGTATTTA | ACACCTTTAA | GGTCTTAAAA | TAAATTACTC |
| 273151 | ATTGTTTCAT | ACATACATTT | GTATTATCCA | AATTATTCTT | GTTATTTGAA |
| 273201 | AATTATTTAT | TGAGCACTTA | CTGTGTGCCA | GGCACTATTC | TAGCCAGTGA |
| 273251 | ATAAAACAGG | GGAAAAGTAC | TCTTATAAAG | CCTGCAGTCT | AGAAAAGAAA |
| 273301 | GATAAACAAAT | ACAAATCAAT | ATACAAAAACA | TATAAGGTAT | ATGCTTTTAT |
| 273351 | ATCATTTCTT | GCCATAATCA | CTTGGATGCT | CTACTGAAGC | CATACTTGCT |
| 273401 | TTTTTACTGT | GGGGGGAAAA | ATGCAAAATTG | AAAATGACTT | GCCACCCATG |
| 273451 | AAGCACACTT | CCTAGCAAGG | GTACAGAAAA | TCAACATGTA | TGATAGTGGT |
| 273501 | AACATCCGCT | ATTCTCACTT | TTACTCAACT | CCAACCCCA | ATTTCGTATG |
| 273551 | AGTGTTTACC | CTTGTTAGCC | CTCACCACAA | GGCTTTTGGA | CTGTTATTTT |
| 273601 | CCTGAAAGGA | AGGCAGGAAG | AAAAGAGAGT | AAAAAAGAGG | GATCTCTTTT |
| 273651 | GTTCTTAATG | CTTGTAATAT | TTTGATTTT | TATTAGAGGG | TCATTTAGAA |
| 273701 | GATAGAGTAT | AAAGAGTTAT | GTGGAATAT | CATATCTACT | AAAGTGATCA |
| 273751 | TTTTATAAAT | ATCATCTTCT | TTCTGCTAAA | TAATGACCAT | ATTCATATTT |
| 273801 | ATTCCAATAT | TGCTTTTGGG | GAAAACCAA | CAATGATATC | TTCTTACTTT |
| 273851 | TTCAAGTTGTC | TTATTTTCTT | GTATGTGTG | AGTTCATGCC | ATATACAGGT |
| 273901 | ATACTAACAG | GCCTGCCTTT | CTTCAGTGAA | AAATTGCACT | GTTGTCATGT |
| 273951 | ATTAATAGAC | TTTATCCTTT | GAATACATGA | ATCCTTCCAT | CCCACCCAGC |
| 274001 | TGATCAATC | CTACTATTTT | TTTAAGACTA | GGCTCGACTG | ACAATCACCC |

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274051 ATCCAGGTGG AATGGTTTCA CTTTTCTTTT GGATACTCCT GTGTTTCAGTA
274101 TATAATTTTC TCATAGCTGC TGATACAAAA ATCTGATATT TAGCTATTTA
274151 CAAATCTTGA TCTCTACCTG ACCATAACCT TTGCTAATCA GAATGTCAGA
274201 ATGGAAGCCC TACAATGGCA ATTACTCTGT CTTGTCTTTG TAGCTTCAAG
274251 CAAAACTAC CTGGTCTTTA CTGGGTACTT AATAAATGTG GTCTTTATTA
274301 GGTACTTAAT AAGTGTTTTC TGATTAAATG AATAATGAAT CAATGAATAA
274351 ATGTTGTCTA CATGAGATGG TAAATTGACT ATCTTTTATT TTTCCCTCTT
274401 GCACCTTAATG ATCATATTTT CAAGACAACCT CACTTGATTT AAGCAGGTAG
274451 TTTGTGATTG CAGGATAGAC CACATGGAAC TGAGTCTGTG AGCTCAGTCT
274501 CATTCTAACA TTGTTATAAA TAAATGAGCT GTACATGGTT ACAAAGCATT
274551 TATTGAACAC TTGCGAGTCC CAAAATATTA TGCTATCCCC AAATAATATT
274601 GGATTGAAAA GCGACCATGC TTTACACAAA AACAGATTTT ATAAAAGATG
274651 TTAAGCCCAG GTAAGTGTCT TGGCTATGAG GCTGGTAAAC TCCATGAATG
274701 ATGATGGAAA GGAGAAGCAC AGAATAATAA ACAACAGATG CTTTTTTTGT
274751 AGGAGGAGGA AAGGGTTGGT GCTGGTAGAT TCCCCAAAAG GCAGCGGCCT
274801 CTTAGGTGAA TATCTTTTGA AAACCTTTCAG TCCCCCACTA TGAGCATTAA
274851 AGTGGCAGGT CATGGTTCCT AGATAGATGA AAGGAACTTG TAAGATATCT
274901 TAAAACATAA AATAATATGT TCATATTTAT TAAGTATTTA GCATACAAAG
274951 TACCTTATAG CTATTATACT CTTTATCTTC ACAGAAAACC CCTTTGTCAT
275001 CATTGTGTTT TATGGATGAA AAAACAAAAG GTCAGTAATT TGTCCAAGGT
275051 CACATGACTTC AAAGTAAAGT TAATATTTGA ATGCAAGCAC ACTTATACCA
275101 AGTTGTTAGT ACATTCCTAG CCACTAACTT GCTCTCAAAA TATATCAGGA
275151 AAATTTTTTCA GATGGTGAAG CTTTATAAAT AAAGTTTATA AATAGTTTAT
275201 AAATCAATAA ACCGTATAAA TAATCTTGGG AGACCAAGAG CTGACATCAG
275251 ACTCACAATG TCCTTGTATG TATTTAACGA TGGAAACAAG TCTTCATTTT
275301 ATAGCATCAG GATAACTAAG CACCATTCAA CAAGTGACTA TTTAATGGGA
275351 CATTTTGGAGA TCTTTCATAC AGAAAAATAA TGCTGACTTT TTCTTTCCAT
275401 CTTATTTTAC CATTCAAGTA AAACGTGCAT CCTTTGGTAC TTCTTATCTA
275451 GATATTTTGG TATGCCCCTA ATTTGCCCAA TATTTATGTG TAAAATATAT
275501 GTTCCAGTAA GAGTATATAC TAAATAATTA GAATTTATTT AAATAGATTA
275551 TGTTATCTAA CTTACGTAAA TGGAGATTTT CCTAGGACTA GTTACGTTTT
275601 TTTTCCCTCAA GCAAAATACT GTATTTGCAT TGTTGCTAAA CAAGTGATGA
275651 TCAGGAAATA AATATTTTAT GTTAATCAAG TCTAAATGTT GTGTAAAAAA
275701 TACCTATATG GGGGAAGAAA AGGCATACCA TGGCAACTGA AGAAGGTTGA
275751 AAATAATTAC TCCTTCCTAG GGACAATATT CAGACTCAGT AGCAGGCATT
275801 TTGCCAGCCC AGCAGATAGA CATATTGAAG CCCCTACTTG TTGGTATGAA
275851 ATATTAATAG TGAGGGCATG AGTCCAACCT GAAACATAA AAACAAATTA
275901 CTTTGGAGGT TAAGGGGATA TACCATTACT AATCCATCTC TGAGCTGAAT
275951 TAGCCTTTAA ATATAAAAAAT GGCTCCCAAT AACATGTCTA GCCCAACATT
276001 AGAGTTATTT TTAACCAAGT GGGGTTTTGG AGAGACTATA AAAAATTATG
276051 ATTTTCCAAG TTCATGAAAT GTGAAATAAG CAGTTTGATG CAGAAGAAGA
276101 TATAGTGACA CGAATATGCT AAAAGTGAAC AGAATGCGGA TCTAGCCTTT
276151 AATGAACCTT AGAGGTAGAA CCATGTAGTA ATTTTACAGA TGCAAAAATA
276201 TTATGTTGTA CCTCCTTAAT CCTAAACCAA TAATCCTTCT CATCCTTGAT
276251 GTTACGAAGA ATTAGTGGTC AAGGTCATGC ATAAAATGTT CTGCAATGTG
276301 GGAAATAAAT AAGGGAAAAT AACCTGTATA AATGTCTCTA AATTTACCAC
276351 AGAGAGTCTT CCCAAGGTTT TCCAAGAAAG AAAAGCAGAA CAGATCAATT
276401 ATATAAGCAA TTTTACGGGT TAGTGAAGTA TCTTTCACCT CTCTGGACCC
276451 CAATTTCCCTC AGGGGGATGT GGCTTGCTTT ACGTTGACAG AGGTAAGAAG
276501 ATTCATTGAG AAGAATTCTG CAAATGTAAC ATTCCTTTTC AAGGTCTACG
276551 CTAACGCTTT TAACTGGGAC TCAGCGACCT GTGAAATCTC TGCTTGGTTT
276601 CTTAACCTTT GTCAAGTCAT TTAACTCTC TGGGTCATAT CTATAAATCA
276651 GACAGAAGAA ATACAGGTCC TAACCGTGCT ATCCAGGGAT TCTAGCAGGA
276701 GATTTTTTTA ATAATAAATA TTAATGGAGG GGTGGAAATA GAGATGGAAA
276751 AACAGGATCA AAGGAGCAAC ATATTCACTG ACTTAAAAAA ATAATTATAT
276801 GTGGTAAGAA GTTTTCTAAA GTAACTGTA TGTGGGGAGA AGCATAACAG
276851 AAAAAATGAA ATACATATAT TTTAAGGTTT GAAAGAAAAT AATTTTGAAT
276901 TGTACCCGTT TATTGCTATT AAAGAATGAA TGACCAATGA AGACATTATT
276951 GTAGATAACA ACTTTTAAAG CCCCTGAGAA GAAGAGCTGT GAGTTTTATT
277001 GGGAAAATAT ATTTCTTAAA TAACGCCACA ATAAATCATT GCTGTACACA
277051 CCAGGTGCAA GGAAATGCTA AGGAGAAAGA GAAAGAACTA GAAATTAATG
277101 TTCTTTGTAA GATGACAGAT TGTGAGATT AGATGCTGTC TATACCTAAA
277151 GGAGACAATG CCATGAAGTC ACTTCTTAAT ATCTAGTAGG ATTTCAATTT

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277201 AGAACTAATT ACATGCTTTC ACCCAACAGC CAACATGCTG TGTTAGTTTT
277251 CTTAGTTTAC ACTTTGTAAA TTTTGAGCTC AGTTTTCACT TCTATTTTTA
277301 AAGATTAGTA GGTAAGTAGT CATATTTGAC AATTCAAGGT CACAACACAA
277351 GAAATTGAAT ATTTGCAAAG GCATTCTTTA TCTGATAGGC TTGCACCCCT
277401 TCACTCTAGA TTATTATAAG CTAGAAAAAG AATAATCACT TTGTGTCTTA
277451 AGCCATGCAA GCAAAACCAC CACTGAGAAG GATGTGTGTG CCTCTGTGTG
277501 TGTATGTGTA TGTAATTTCC TATATTGTGT TAATCAAGAA ATACAATACA
277551 AGGTAAAGTA ATTAATATGT AACTGCTTGC TTATCTTAAA ACCCTTATCA
277601 GTTGCTGCTT ACTAAATGGT ACGATCTATG TGTCTAGTGC TCTTGTATAA
277651 GCCATTATAT GATTTCATGC TGAACACCCC CAACAAGGGA GTTAGAATTA
277701 ATTGAGTAGT CAGATGAAGA AAGCAGATTT CCTCAGTTAG TAGATGGCAG
277751 AGCTCAAACCT CAAGCCCTTG GCCATTGTCC TTGCCTGGGA GGTACTTATC
277801 ACTGCACATT TAACTCAGT GAATGTGCCA TCTTCACTT AGTGGCAGTG
277851 CTTAAATPAC AAGTGTCAAA AATAATTACC CTATGAAAAG TGACCCGTGTG
277901 TTTCTGAGTC AGCTAAGAGA TGGTTTGAAG AAAGACCAAT ATCCTACCCCT
277951 CATCCTCGAA CTATGGCAAA AGTGATAGGT TCTCCATCAG AGCAAGCATT
278001 CTTCTTTTCT GTAACTGCCA CTTTCACACT GGGCTATGGG ACGCAAGTGT
278051 GGCACCCAAT ACAAAGATG GATTCTAGAA GGAATGAGTT TATGCTAGAT
278101 CATTTAAACC ACACCTTTCT AAAAGCCCAG GAATAGCAAG ATGGGCAAGA
278151 CAAAGAAAGT AACAGACATT GAAGAGCTGG TTTGCAAGAT TCCATCGCTT
278201 TATTGACTGG CAAGCTGCTT CTCTTTGGTG GAAGCCACCC TTCTCTTACC
278251 TCCTGTCAAC ACCCTCAGCT TCCTCAAAGC CCAGGTCCAA GTGAGCAGGA
278301 CCCAGTGAGA GGCAAGTTCA CCTCCCATGC TCAGTCGTCT GAGCTAAGGA
278351 CCGAGTACTT TTACCTGAGC GGTCAACAGC AAGAATATCT ACTCTCTTAT
278401 ACTTTACTTT TGCTACAGCA TCTTGGACTC ACCCAAAGC CACGGTGCAA
278451 CTAGTTTCAGA ACAGGACACA GGATGCCCAA CCTCCATATT AGGGATCTGC
278501 ACAGTGTTCA CAGTGGCATA TACACAGACA GAAGGAGCCG TCAAGCCCAC
278551 ATCCTTACAA CTAAAGCCTG TCTCAATTAC CTAACTTTTA AATTATGTAT
278601 GAACACCATT TTAATAAAAA TCATTTCATAT TATACATCAA CCATCAATTT
278651 TTATTAAAAA GTGATGTGAA ATTTGTATCT TGCAAAACAA AGGGAAAGTT
278701 TACTTTTTTT AAAATTATAC TTTAAGTTAT GGGGTACATA TGCAGAACAT
278751 GCAGGTTTGT TTAGATAGGT ATACATGTGC CATGGTGGTT TGCTGCACCC
278801 ATCAACCCGT CATCTTCATT AGGTATTTCT CCTAATGCTA TCCGTCCCCT
278851 AGCCCCGAC CACCAACAG GCCCCGGTGT GTGATGATCC CCCTCCCCTG
278901 TGTCCATGTG TTCTCATTGA TCGACTCCCA CTCATGAGTG AGAACATGTG
278951 GTGTTTGGTT TTCTGTCTT GTGTTAGTTT GCTGACAAGG ATGGTTTCCA
279001 GTGTCATCCA TGTCCTGCA AAGGACACAA ACTCATCCTT TTTATGGCTG
279051 CATAGTATTC CATGGTGTAT ATATGCCACA TTTCTTTTAT TCGGTCTATC
279101 ACTGATGGGC ATTTGGGTTG GTTCCAAGTC TTTGCTACTG TGAACAATGC
279151 TGCAGTAAAC ATACGTGTGC ATGTGTCTTT ATAGTAGAAT GCCATCGGAA
279201 AGTGGGCAAA GGATATGAAC AGACACTTCT CAAAAGAAGA CATTTATGCA
279251 ACCAACGAAC ATATGAAAAA AAGCTCATCA TCACTGGTCA TTAGAGAAAT
279301 CCAAATCAA ACCACAATAG ATACCATCTC ATGCCAGCTA GAATGGCAAT
279351 CATTAAAAAG TCAGGAAACA AGAGATGCTG GAGAGGATGT GGAGAAATAG
279401 GAATGCTTTT AACTGTGTGG TGGGAGTGTG AATTAGTTCA ACCATTGTGG
279451 AAGACAGTGT GCGGATTCCT CAAGAATCTA GAACTAGAAA TACCATTGTA
279501 CCCAGCAATC CCATTCCTGG GTATATACCC AAAGGATTAT AAATTATTCT
279551 ACTAGAAAGT TTACATTTTC ACTTAAAAAA CTGGTTTAAA GAAAATGAAA
279601 TGTCGATTCT TTTACGCAAC AACAGCAACT ACGACTGCTT CATAGCAAAA
279651 GCAACAGCCA CAGCAAAATA GATAAAGAAA GAAAAGAGTT TAAAGGAAAA
279701 AAAGGAGCAT ATGCATCATG AATGTTCAAT ATAAATTAGA TACATAATTA
279751 TGATCTTGAT AGAATATAAA CAAAAATTTC AGATTTTCTA GAAATCTACT
279801 GAGCAAAATT TTTCACTATA TAAAATCCAA CAGTCAGTAA AAACAACATT
279851 TCCAGATAGT AAAAAAATA AAGGTTATTT CATTTCTGTA TTTTCAATAT
279901 GAAGCTGTCT AACTACTATA GTTCCATATA AGAATAATTC CATTTTGACA
279951 TCAGACACCC TTGTGGACAC TAACATACTG GGAAAATGGC CTTCACTACT
280001 TGTTATTTCA AGAAGAGTGA ATTATGGAAG AAGCCATTGG CTAAGAGATC
280051 ACCTTTTTAA GAATTTGATT GCAACCCCAT TAATTTTCTG TAACTCTGCA
280101 ATACTTTTAA ATCGCAAGTA TTTGTAGTAA TAAAATTATA TTTATTTTGA
280151 ATATACAGTT CATGAAAGCA CATCAGTTTA TGAAAGCACA TCAGTTTGAT
280201 CTGGTGTCTC TTCATTTTCA GCATCTGAAG AATGATAGAG ACATTAAAC
280251 TATAGSTTCT AAAAAATTAT TAATTCAATT TCATACTTGA CTGGCATCAC
280301 TCATTCAAAG ACATAAAACT TTTAACCTTG ACTATTGCAC ATAGCCTTTT

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| | | | | | |
|--------|------------|-------------|-------------|------------|-------------|
| 280351 | ACACACAAAA | TAGACACAGA | ATTGGGCATG | ATACATTATC | TTCTGTCCCT |
| 280401 | CTGTTCCCTT | TTTAACCCCTG | GATGCCAGCC | ACCCACCTAC | TTGCTCTGAT |
| 280451 | GTCCAGCTGT | CCCCAGCCTA | GCTAAGTGGG | CTCTTCCCTG | TCAGCCACAG |
| 280501 | ACTTTCCTCT | CCTCTGAAAT | GTCCTTGAGT | CTAGGATGGT | GTGATACTTT |
| 280551 | TGCTCCTGTT | CCGATGTTAC | AGTTAGAAGT | TAGCCACTTG | CCAGGAGGTA |
| 280601 | AGAAGAGCTT | TTTAGCACAG | ACATCTCTAA | GTCCAGAGCC | TTACATTGAG |
| 280651 | GAAAAAATT | TGAAACGGCA | GAAAAATGCT | TCAGAAATAT | AACTTCCAGA |
| 280701 | CACAGAGGAA | AAACTTGTTT | CCTCGGTAA | TAAATTTTGT | GGCAATGCAA |
| 280751 | TTTGACATTT | ACTTCATTGA | ATTCTGGGAA | CATGATGTTT | TGGCTAGTTG |
| 280801 | CCACGCAAGA | ATTATTCTTG | CAGTTGGCAT | CCTCTCTACT | TTTCGAAGTT |
| 280851 | TATCACCAAA | GAGAGACAGC | TTCATCACAG | ACAAACATAT | AGGTCAAGTT |
| 280901 | TATATGTCAG | CAATAAATA | TTTTGGAAAA | CTAATACGAA | TGCCCCACTGT |
| 280951 | GGTTGTTAGT | TTCTAAAAAT | GAGAACATGT | TCTACCCCGT | TTTGTTACCC |
| 281001 | AGTAAATTTT | TGTGATACAG | CTATACATTG | TAAACTGTGC | TCACATAATT |
| 281051 | CAGAACTCCA | TCTATTAAAT | ATTTGTGACA | AACATACTTC | AGGCACACAG |
| 281101 | CCACCTCCTC | TCTCTTTCCA | GTGTTTACAT | AGATACAAC | ATAGCTCAGG |
| 281151 | TATATAGTTC | ATCCAGACAC | ATTTTTGTGG | ACCACCTTAC | CCCATCAATG |
| 281201 | TGAGATATCA | TTTCACTGGT | CTCAGCTCTT | TTCTTGTTAC | ATTCTATATT |
| 281251 | CACATCTTCA | GCTTAAGTTG | TGAAGAGGTT | ACAATGAAGT | GTGATAAGGG |
| 281301 | TAATGATCAA | AAGAACCAAT | TAGGGAACCT | GGAGATAATA | TAAAATGATC |
| 281351 | ATGGGTGTCT | TGTTTGCATG | TTTTGAAGTC | ATAGAAATGG | TAAACTAAGG |
| 281401 | AAGCCCTTGC | TTTTAAGCTT | TCTAAAATAA | AACTGTTTTG | CAAATAATAA |
| 281451 | TATTGGTACT | AGGATTAATA | GTAGACCTTG | AGGTCATTTG | AGGCAGTTTC |
| 281501 | TGGCATAATT | TAAACACCTT | ATCACTAATC | TTGCTGTTAC | TGATCGCAGC |
| 281551 | TGACTCTCAC | ACTGTTTTTT | CTCTGCATGA | TTTATTAGAA | TTCTTTGATA |
| 281601 | AGAGCTCTTT | GAACTGGCC | TTGTAATTAA | GAGTCTTTTA | GAAATTATCT |
| 281651 | ATTATTCCTG | AGTATAGTTT | CTCAAACCTC | CTGGCCTCAG | ATTCTACATC |
| 281701 | TGTTAATTGA | AGAATCTGAA | TTTGATGAAT | TCTGCCTAAA | AACACTGTAG |
| 281751 | CAATTTTTAT | CATTTACATT | GAAAAATAAA | AACTAGATCT | AACTTACTCC |
| 281801 | ATACTCTTTC | AACTGCACCA | TATTGTTTTT | TGTTTTTTGT | TTTTTTGCTT |
| 281851 | TTTTTTTTTT | TTTTTTTTTT | GAGGCAGAGT | CTTGCTCTGT | TGCCCAGGCT |
| 281901 | GGACTGCAGT | GACGCAATCT | TGGCTCACTG | CAAGCTCCAC | CTCCCGGTTT |
| 281951 | CACGCCATT | TCCTGCCTCA | GCCTCCCGAG | TAGCTGGGAC | TACAGGCGCC |
| 282001 | TGCCACAACG | CCCGGCTAAT | TTTTTGTCATT | TTTAGTAGAG | ACAGGATTTC |
| 282051 | ACCGTGGATG | GTCTCGATAT | CCTGACCTCG | TGATTAGCCC | ACCTCGGCCT |
| 282101 | CCCAAAGTGC | TGATTANNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282151 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282201 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282251 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282301 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282351 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282401 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282451 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282501 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282551 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282601 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282651 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282701 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282751 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282801 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282851 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282901 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 282951 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 283001 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 283051 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 283101 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNNNN |
| 283151 | NNNNNNNNNN | NNNNNNNNNN | NNNNNNNTTA | TGTAAGCTCA | AGCAGGTAAT |
| 283201 | ATATGGAAAG | GGCTTTAGAA | ATTGCACGGT | ACACAGTATG | TATTACATTA |
| 283251 | CCACACTTAT | ATAGAAAGGA | TTATCTTCCC | TCTTTTATTA | ACTTTGAAGA |
| 283301 | TTAACAGAAA | TTATCAGCAA | ACTTGTCGTA | TAATTACACT | AGCAATTCTT |
| 283351 | CTCTGTGGAT | TACTCTTTT | ACTGCTTACC | TTTATCTTTA | TTCTGCATAC |
| 283401 | CTCTGTTCTT | TAATCAGCAA | CTATCAAATA | AAAGAGTAAC | CGAGACAGAA |
| 283451 | AAATAGACTT | TCAGAAGTGT | AAAGTAGCGT | ATTCGCATT | GTTTATAATA |

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283501 ATCACTATCA CTTGGGGAGA TATCACCTGT GCGGACCAGG TCATCTCTTC
283551 CCAAGTGATA GTGATTATTA TATTCATAAT ATTCAATAAT TTAGCCTTTC
283601 CCTGTTAATG ACATCATATA TTGTTTTTCAT CAAATATGTT TTGCAAAGAC
283651 TAGGGGAAAG TTGCTTTTTA ATCAGCTGCA GCCAGTTGCA TTTTCCAAAG
283701 ACAGCTGCAA CAATATCTCC CACCATCTCC CATCTTTTGC CACTGCTCCA
283751 TCAAGAAGGG AAATCTGTTT CTCTGTGTCC TTGAATATGA GTGGACCCTG
283801 TGGACTCATT GACCAATAGA ATATGGAAGA AGTGATGCTG TGCTGGTTGT
283851 AAGCTTCAAC CTTAATTGGC CCAATAGCTT ATGCTTCCTG CCTCTTGGA
283901 AGTTTGCAAT TGAACGCCCA TTTTGGATG CTTCTTCTAG AAACCTAGGC
283951 ATCATTCTCT GAAAAGCTCA AGCCACTTGG AGAAGGCACA AGTAAACATT
284001 CCAGTTCATA TTGCTGGCTG ATACCCCAT CATCAGCCAG CTATGGCAGC
284051 CAGCCATATG AGTGCAACCGT CTTGAATTTT CGAAGTCAGC CTTCAGATGA
284101 CAGCAGCCAA AACCAAAATC TAATTGCAAC AACATGGAGG AATCTAAGCT
284151 GGAACCAACC AGCTCAGAAT TTACCTATGG AGCCATGTGA GATAATCACA
284201 AATTGTTGCT TTGAGCCACT AAGTGTGAG GTGGTTTGT ACACAGCAAC
284251 AGACAACCAG AACACCAACT GATCTGCTGC AAGACTTTTC CAAATGTAAT
284301 TGTCTTTTCT TCCTTCCTGT GAATCCATTA ATAAATTTG ACTGAGACCA
284351 GCATAATTTT TAACTAAAT CCTTTAGTAG TTTCTCATA GTAATGCTGT
284401 GTGGTTTTTA AATTCTATAA AGTAGTTTTA AAATGTAGAC ATATTTCCAT
284451 TTGTTTTTGC AATTACTGT GGAAGTCCAT TCTTCAGAAA AGATGAAATC
284501 TATATGTGAA GACAAAAAAG ATTGTTTTAC TCACCTATTT GTGTGAGGAT
284551 TTTGAGATTA AATTGAATT TATGTTAAAA AGGAATGGAT TTAAAGACT
284601 CAGTAAGATG GATTTTCAAA TGTCCATTCT CCTACATTTT AAATAATCAT
284651 GTCAGATACA TTGAGCCAG TTGTCTGTGA CTGGTTTCCT CTTTTGGGGA
284701 ATCTTTTTGT CCCCAAATGA AGTATACATC TCCTCTTCT CATAATTATA
284751 AAAGTAATAC ATACTAGGTA TTAAAAATCC TAGCATAAAC TATGATCAAA
284801 GTAGAGGTAA GAGTCTCTA AATAGGTCAC ATCTCAGCTA GTGTTCAATA
284851 ACCAGGTGTC ACTGGCCAAG TTATTTTCATC TCTCTGTAA TTTGGTTTCC
284901 ATGTATAATA CCTACACAAT GAAGATAATA ATAATAGTTT ATAAGATTGC
284951 TGTGGAATTA CATAAAATAG TAAATACAAA GCACCTAGAA CAGAGCCTGG
285001 AATATAGTAG GTATTCAACA AACATTAGTT TTAATTAATA ACAGTTTGAT
285051 GTGTGTGTTT CCTCCCAGA TTCTATTCTA AGCATGCATA ATTATATATA
285101 TATGTGTGTG TGTCATATAT ATTTAACAAA AAATATAATT TTAAATGCTC
285151 AGTTTTCAAC TCAATTTTTG AACTATTCAC TATATAATAT GGACATGGTT
285201 TTATAATGAT ATATAGAAAT ATGTGTCATT AGTTTTTGTA ATCACATCAT
285251 GTTCTAATTT ATTAATAATA TTTGTGAAGA ATACGCAGCG TTCTATTTTA
285301 TTTTTTAAAC ACTTTGAGCT AGTATAAAAC ACTGAAATTA ACATCTTTAT
285351 TTACAAAATA AGCAGAAAAA CAGGAAAAAT GATCCTGTTA AAATATAAAA
285401 AGACTTTTAC TCAAGTAGAT CAGAATATTT TATCATTATA TGGCAAGTAG
285451 TTTACTGATT CTAAATCTTT ATAGACACTA AAAGGCTGCT AATCTACATA
285501 CAAATAACAA ATACTGATGA AACTAATAAA AAAGACCATG AGAACCAGAA
285551 AAACCTAGGG TCTAAGAATC CCATATTATC AGCTCTCTTA AACAACCTAG
285601 TTCAAAAAAA CTCTTGAGTG TCTACATTAA TACTAAGCTT GTCACAAACA
285651 GAACTTTTAT TTTTATGAC AGGTAAAATT CTAATTAAAA AGTAAATACT
285701 AAATTCCAAA TATGCACACA TATCTGAAGA CAGATTTTGC ATAAAGGATA
285751 TCAAATCTTA GGTCTAAGA AACTGACTGA AACTGAGGTA TACTGGCACA
285801 TGAAAATTGA AATGACCTAA AGGATGAAAT AAAATGTCAA AGAGAGCAGA
285851 AACTTGTTTA ATCAGTGTA GTCTGGTAAA TTTGCGACAA CTAGACAAAC
285901 TTGCCTGTCT TGTCTCTTAT CTTCAATCCC TTTAGGCAGA ATCTTTGAAC
285951 ACTAATAGTG GTAGAGAGGT TTGTCTTGAT GGGGGAGAGG AAGGACGGAT
286001 TTAATTCCGA GAGTTTCCTT AGCCCTGGT CTTAATTTGC CCTCCAAATA
286051 AATATATCAT CTTGCAAAA ATATCAAGCT TTCTATGAAA AGACAAATCT
286101 GAAGTGTGCT AGCCACCACC TTTCAGCCAG CTGGACATAT CTATGCTCAT
286151 CCATTTGGCA ATTCTGGAGC CTCCACAATT GCTAGATGTT TTGGACATTT
286201 TTGCACAACA TATCTTTTTA CATGAAGTTG TTTATACATA TAGATGTGTT
286251 AACAGAAGCT TTTGATTTGT CAGTGTCTAT ATATAAGTTC TTATCTTTCT
286301 AGAAGTGTTA CAAAGACTCA TAAATGAAAG CTATTCCATG TGGTAGGCTG
286351 AATAATGGCC CTGGAAAAAG GTTCATGCCC TAAACCTCAG AACCTGTGAA
286401 TACGTTACCT TACATAGCAA AATGGACTCT GAAGATCCAG TTAAGTTAAG
286451 GATCCTGAGA TGGGGAGATT GACTGATTT ATACATATGG GCCCAGTGTA
286501 ATCATAGGCT CGTTATGAAA GGGAGGTAGG AGGSCACAGT CAATGAAGGA
286551 TATGTGACCC AGAAGAAGAG GGAGGGAAGG AGATGTGATG ACAGAAGCAG
286601 GGCTCATAGT CAGAGAGACA GATTAAAGA TGCTACATTG CTTGCTTGAA

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286651 GGTGGAGGAA GGGACAATGA ACCAAAAACT GCAGGTGGCC TCTAGAAAGC
286701 TAGAAAAGGC AAGGAAATGA ATTCACCTCT CGGGCCTCCA GAAGGAATGT
286751 AGCCCTGCCA ATCCATTTGG TTTTCTAACC TTCAAGTTTT AAACACGCCA
286801 GGCTTTTAAAC TAGTTAATAA TAATAATAAT AATAAAAGGA CAACATTTTT
286851 TGGGGCAAAT TTTACCTTT ATTACTTAAA AAAAAAGGCT ATGATGGAGT
286901 TTGTGGTTTA TATTTTCCAG AATGATACAG CTTTATCTAT TCTATTTGCA
286951 GAGTAGAAAA GGTGTTCTCT TTGGTCAGGC TTATCTTAA GAAGTAAAAA
287001 GGAGGAGATG AGTCAAACAT GCCCAATATG TTGTCTTGAT TTTACCAAC
287051 AAGTAATTCA CAGTTTCTCA CCAGAGGCAT GGGCAGATGA TATTTGTGAG
287101 ATGATGAATG GGCCTCAACT AACAGTTATG ATTCATTAAA GAGCCACAGG
287151 GGTCAATTTT TTTGTTCCCT GTAAACATTA GCTTAACATG CTAAGTTTGC
287201 ATGAGCAACT AAATTGATCC AGGCATGGGA GGAATGTCA GAAAAGTGAA
287251 AGAAGAAAAA TTTCTCAAAT AACTAGATTC TAAGATTGTT ACCAACAGAC
287301 CTTCTATTTA GTCATTTTAT TGTATATAAC TCAATATTCA ATTCTTTAAA
287351 TAAAGGACAT ATTTATAAAA TGTACTACCT AAGAATGTTT GACCTGTTGA
287401 CCATTTTAGT TGCTCATGTG GGGACCTTGT CTGTTACTTA TGTATTTCTT
287451 GATGTCTGGT TAAGAAGGAT AACCATTCAC ATTATCTTTT GAGACAATTA
287501 ACCATATTTT CCGCAAACCT TTTGTTTCTA GTTAGTTTCC AACACCCTTC
287551 CTGACAATGC TCAGACATTT TTTTCTTTTC TTTTCTTTTC TTTTCTTTTC
287601 TTGAGACAGT CTCGCTCTGT TGCCCAGGAT GGACCGCAGT GGCGCAATCT
287651 TGGCTCGCTG CAAGCTCCAC CTCCCGGGTT CACGCCATTT TCCTGCCTCA
287701 GCCTCCCGAG TAGCTGGGAC TACAGGCGCC CGCCACCACA CCCCCTAAT
287751 TTTTGTATT TTTAGTAGAG ACGGGGTTTC ACCATGTTAG CCAGGATGGT
287801 CTCCATCTCC TGACCTTGTG ATCTGCCCGC CTCAGCCTTC CAAAGTACTG
287851 GGATGACATT TATTTTTTGT CTCTGAACA GCAGCATGTT ATGCTAATGT
287901 CTACAGGAAA TGATGAAAGT GCCCCCTGTG GCTCTTAGT GAATCATAAC
287951 GGCTGGTTGA GACCTGTGCA TCATCTCACA AATATCAGCT GTATTACTTC
288001 CTTAAATGTC TTGCTTAGTG CCTCTACTGA AACATCTACC AGTTCATACA
288051 GTCAACATAA CTCAATTTCC GTACACTGTA CTTCCACAG ATCAAACCTT
288101 CACTATATGC ACAAACCTCC TATAATTTTA CCATTCAATT GCCTGGACTT
288151 TTGTAAATG TCAGATAAGA AAAATTCCAG AAGTAGCTTT TGCTGTGTGT
288201 TACTCTCCTA TTGCTGAATG ATAAAATACC ACAAATTAGC AGCTTTAAAC
288251 AACGCCATTT ACCAGTCATA GTACTGTAGG TCAGAAGTCG GGCTGGGTGT
288301 GACTGGGTTT TCCTCTCAGG GTGTTACAAG GCTGAAATCA AGTTGTGACT
288351 GTAGCAGGGG TTCTCATCTG GACTCGGGTC CTCTTCCAAA CTCACTGGTT
288401 AATGGCAGAA TCCATTTTCC ATGGTCATAA GACTGTGTCC CCACTTTCCT
288451 CCTGGCTGTT TATTCATCAC TGCTTTCGGC TCCCAGGGGC TTCCCTTCTC
288501 ATCAGCTGTT CAAACGTGGA TATTTGCTTT CTTCCAGGCC AGCAGGAACA
288551 CCTTTGACTT CCTCTTCTGT GACCAGCAAG AGAAAAATCT CTGCTTTTAA
288601 AAGTCTCCTG TGATTCTAGT AAGCACACCT GGATAATCTC CCTTCTTTAA
288651 AGTAAACTGA GCCATATAAC ATAAACTAAT TGTGGGAGTC TAAGTCTTTC
288701 ATTTCCACAG CACTGGAATT ATTCAGAATC TGTATGACAG AGGAATGAAA
288751 TCTTGGGGAC CATCTTAGAA TTTTGCCTGG CAAATACTGT TAGTGATTGC
288801 TAGCCAGGAA TGCCCGATTT TCCTGTCTTT TTTTGTCTT ATTTTTCATT
288851 TGGCTCCTTA TCTTTGTAAA ACTCTATCCA ATTGAGCTGT CACTCAATAT
288901 TTAAAGCCTT CTAAAACTC TGATAAATAT CTGTTAAAT TTTTCAAAAA
288951 GTCTAAAAAA CTGGTAAAAT AAACAGAGTA CTAAGAACCA GATATATTTG
289001 GGCAAGTGTC AGAATTTTAC TTACTAGCTA TTAGAGCAGA GCCAGTAAGC
289051 AAGGTAGTTA TGGAGACTTC TTAGTCTGTT TCCACTGTAA AATTGGGACA
289101 ATGATTGCTA CCCTCTAGAA CATCATCATT GTCTAATGAG TGTATTAACA
289151 TTCTTACCAC AATGGTAGGG CCAGAGTGGT CAACTAACAA TTTCTGTCTT
289201 TTGTTTTTAT TCTATTTTCT TTCCATTTTG GTTCTGCTTG GTTTGTATTT
289251 AAATGCAAAA GTCTCCAATA GAGGAGTCAG ACCAGATTTT GCCTTACAGA
289301 AAAATGTTAC ATTTCCACCA ATACATTATT CTCAATGGGC TTAGAATCC
289351 TCACAATTTA TCACCAATAC CAGCAGCTTG CCTGGAATTG AAGTGCTATT
289401 ATAATCTTTT CTCTCTTAAA TGCTTATTAT GGGAAATCAA TGGACCCACA
289451 CATGGATCAT TAAAAATAA AGTTACATAC TTGGGGCACC CACACTATAC
289501 CTTGAGTACT TTAAGTATTG ATTATGGGAG GTGATTTATT TGTAATATTT
289551 TTGTCCAATA CGTGCAATAC ATTCTGCTTA TATAGCTTGG TTCTAAACT
289601 CTCCCATATC TAGTAGAATA ATTTTATAGT GAATTTCCCTC TTTTCCCTT
289651 AGTATATTCT CAGTGATGTG ATCATATTTG TTCTCTAGTT CACCTTCTCT
289701 GTTTTTTTTA ATCTTCAAGT AATTTCTAAT TTTAATTAAT GACTTAGAAA
289751 TTCAAGTGCC CCTCAAATTA TTCTTGGCTT TGTTTTTACT TTACAGCTGA

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289801 ACTTCAACTC TTGCTAGGTT TTCCAATTCT CTTTCACAAT TTATTCATTT
289851 TGAAAAAAG AAAAACCCCT AAATTACTGC TTGTTTTTTC ATTCATGAAT
289901 ATAGTTTGT CACTTAATTG TGCAAGATTT GTGGGCAAGT TATTTTCTTG
289951 TAAACACATT GTGGTGCTTT TAAATGACTT TGAGGGTTCC CCTGGAATGT
290001 TGAGTAATGT TTTCAAAAAT GTTTTAAGCC CATTCTGTCA GTTTTTGCTG
290051 TTTCTTTGTT TTACTTTCTG TCATTAAGAA CTCGCCTTCT GATGAATACC
290101 TTTTAGTTCC CCTCACTTTC ACTAAAATGT TGAATTTGAT CTGGGCAAAT
290151 TACCCTTAAT TTGTCATTCT TTTGACCACC ACACAGAACT AAGTCTATTA
290201 TATTTTATCC TCCTTGAAGT TCTAAGGGAA TTTAATCTTG GAAAGTCATT
290251 TATCTTCTCC AAATATCTGA CACCAACATT TTTGTCCTGA TTAATAATTC
290301 TGCCAATCTG TATAGAGAAA AATGTAGTGC CTTATTATTA TTATTATTAT
290351 TATTATTATT ATCTAGCCTA GTTTTGTAT TTTTGCTTTG TCTACCATAT
290401 TCAGCTCATT TTCATTATCA TAGTATTTTG CCACATTTTT ATTCTTTAAA
290451 TACGGAATGC CTGCTTACCA AAATTCCATT TACTTTCTTT GTCTGGCAAA
290501 TAATTTTATC TGCTATCACT CAGGATTCAG ACATTTTGAA ACGCTCAAAT
290551 TTGGTAATTT GAGGGGAGGT AATGACAGAA CTATTCACAA GAACTCAGAC
290601 AGTGTTTAAG AGAAACACTT AAATGAATGG TGCAGTGGCC CAGGGCTACT
290651 CACAGTATAG AGCCACCAGG GGCAAGCAGC AGAATGAATG ACTATGCTGG
290701 AACCCTGAGA CAGCTATATG CTGAGGGTTG ACAGTATCTA CAAACCTCAG
290751 TGAAGATGA AACCAACCAC TGCAACCCCA TAAGATTGTA ATCTGGGGAA
290801 TAAATACTCC AACATGGCTC TCCTTCCTCT CCAGTTTTTT GGTGGAAATC
290851 CCCACTGCTT GAAACCCAAC AAGAAGCCAG GAAAATAAGG AAATCCGTGT
290901 AGCACCTTCT CTCTATTCTG AGGAGGAAGA GAAGGATAGA CAGTGAACAT
290951 AGAAGGGCAA ACTGAGGAAA TGCAGCAGAC ATATATTACC ATTTATACCA
291001 CCATTTCAAT TCCTTCCTAG AGAGGTCGTG GCTTGGGAGT TGCATATCCC
291051 AAATATTTGT GCTTGTTCAT TATTTTCCC TTAAGTTAGG CTCCAAAATA
291101 AATACCATTG GATGCTCTTA TATTTTGCCA AGCATTCCAC ACCGCTATGG
291151 CCTCTGAAAT TAGTTGAAA ATATCTATGC ATTCCCATT AAGATGCAAC
291201 TTGATTTTAC CTCTCTGGGA AGCCTTCCAT ATACTCCACG CAGAGACTCT
291251 GAATATTTGT TGTTCTTAG GTGGAGTTCT GAGAAGCAGC AGCGTCTAAA
291301 ATATCAATGA AACAAATTCA GTCTCTTCTT GTCAACTGAA ATTTGGGTAC
291351 ATGGCCTTCT TAACTATGTT TTCCTAGTGA TGTACAAGA TGACAAAATA
291401 TTAGCTCAGT CCTTGTTCTT ATAAGCATG ATGCTACAAT ATTATCTGTT
291451 TTATTAATCT CTAGCAAACT ATAACAACAG TAAGGAAAAT GAATCTAGGA
291501 AATTAATTCT TATCTTATTA AGTTTAAATC TCTTTCTTTT CAAATGTAAT
291551 ACATGATAGG TCAGCTTTCG TAATGGTTTT ATACTGTCTG TTATAATCTT
291601 ACCAGTGTGT TCATTCTATT TTTTTCAGTT CTTCTGTACG ATTTGAGGGA
291651 TTATAAAAAG TCTCCACTGA CATCAAAAAG TCTCTCCAG TGGCTTACCA
291701 TAGTGCTTGA AATTTCCATC TTCAGAGAAA CTTTCTGAT ATAGGACTTT
291751 ATCTCAGAAA GTGTTTATTA AGTGGACTTA GCTTACCTAA GAGAGGTAAC
291801 ATGTTGACAC ATTCAATGAT CAGCTTCAAA GTCATCAGGC AAAAAGAAGG
291851 AACCATTGGT GTTTTGATGA AAGTTCCTGT TTAGAGAAGC TAACGGCTTA
291901 ACCTTCAGCT GATGGAATTA ACCCCAGCTT TTATATCCAA CATATTTCTA
291951 GTTATGGGTA AAGCCAGAGG AGCATAGAGA TTGCCTGTAA AAAATTCTAA
292001 AGCTGGAGCT GAGATTTAGT CTCTTATCTG AAAATTAGC CTCATGCATC
292051 TCTGAAGTCA GGAAGTGCTT AAGCAAGACC CTTGGATAAA TGTATGTACT
292101 GGTAATTTTT CATAAGGGAT AAGACTCGGT AAAAGTTCAG AACTAGAGGC
292151 AAGGTCTAGG GAGGTAACGT TAGCTACAGG ATAATAGGAC CATAAATAAG
292201 GAGAATAGGG TAGACAGTCA GATGTTCAAA AGGGAAATGG TTATACCACA
292251 AGCACATTTT CCCCCTCCC CAGTTAATCA ATATTGGGCC CTATCTTTCA
292301 GTACATAACT TATTGGCTAC AGAACTCAA CGTACTCTTT GATATTTTCT
292351 TTATGATAAT GATAACTCAT ACTTTTTCAG TATACAAGGC AATGTTTTAT
292401 GCTTTTTTACA GATACTGCTT ATTTAATCAT CACAGTAACT CCATAAAGTG
292451 GGTAACACTA TCATATCCAT TTTACACATA GGGAAATTAA GGTGTCAGAG
292501 CAGTTAAGTA ACTTATTCCA AAATGAAACA ATGGGAAGTA GCAGACCCAG
292551 GAATTAACCT CTGGCAATTA AAGCAGGCTT TAAGCTTAAC CTCTACATTA
292601 CACAGCCTCT CATGGACCCA GGAACAAAT AACCTATCAC TCAGATAAAT
292651 GTGTGCTGCT GGGTGAACAA ATCACATCAT CCTCATCCTT CATCCTTCTC
292701 TGTGGTCTCA ATGTAGAAAT GGACAATAGC AGTCATTACC CTGTTACTTT
292751 GAAAAGGTAC TAAGCAAGGT CCTGAAGCCT AATATGTGTA AGACAAAAAA
292801 GCAACAGTAA ATGTAGCCTA GGGAAATTG AAATGAAACA TCTCTCCCTC
292851 CTGCAACCAC CTTTGAAGA ACACACCTGG GGCAAGAAGA GCCACTGCAA
292901 AGCAATCCCT GCCATCAAGT ATCTGCTGCA GTTTCCTGCC TCTGGCAGCC

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292951 TTAGGGAGCA GGGAACATCT GTAGCAGCTA CCTGCTGCAA GGCCTTGTGT
293001 CCAAGCCTGG GAGAAGGGTG TTCCCCACTA AAGCTGGACA ATGCTAAACA
293051 TGACACTGCC AACTGGAATA AAAAGCCCTA TTCTCACTAA TTTTCCAGGA
293101 TATCGTTTCT ACCCATTTAT TCTTCTGTAA AAATAGTATA GGCATAAAAG
293151 AATAAAAATA AAAATCCCAA GTTAAATAG TCCAACAGAA TATGAACTTT
293201 TGTGAGAAGA GGAGAGGGCT AAAATACCTA GGGAAAAAAA TACCTTTACT
293251 TTCACCTTTT TCTGCTTCTA TATCATCACT CTTGTGCCTG ACATACCTAA
293301 AGAGCCTAAT CTTTACCCCA CTAAGGTCTC TGTATCTATT GCAGGGGACT
293351 CTTACAAGAG GTCTGAGCTA CCTTCAATAA TTTGTTTGT GTCTTAAAC
293401 ACGCCTTTTC CTGTGTTGGC TGCAGTAGAG AATCCTGAAG ATACTTGCAG
293451 AAGTTGAACC CTGGGACAAT ATAGAGCTTT GTGTGACATC ACCTATTAAT
293501 AGGTGTAAAT GAAGGCCTCC CTCTGTTATA CAAAGACCTT TGCATGCATT
293551 AGACCACCTA GGTGAGAATC CTGATTCTCC TACAGACTAG CCATGTGACT
293601 TGGGGGAAAT TACTTATTTT TTTCATGTCT CAAGTTCCAC TTCTATAAAA
293651 TGGGGATATT TAGTGGATGT ACTTCCTTAG GGTCTTTTG AGGATTACAT
293701 AAGACAAAGA ATGTCAAGAA CACAGCATAA TAACTGGCAT AGAGCAATTG
293751 TTTAATAAAA GTTAGCTATT ATCAAAATCA GATGTACTGG GCATGGGAGC
293801 AATAAAATTA GTCGCTTGA GAAAGGGCCA CACACCACTC ACGTTGCCCT
293851 GGAGTCAGTG TTTCCACATT GCTCATGCTC TCCTTCAGCC TCAGATGCCT
293901 CTCCTCCTAA TTTCTACCTA TCACAATCAT GTCAGGCCCA GCTTGAAACT
293951 ATGATTCTGA TATGGTTAGG CTTTGAATTG TAATCCCAGA GAGAGACCTG
294001 GTGGGAAGAG ATTGGATTAT GTGGGTGGTT TGCCCCCTGC TCCCCATGCT
294051 GGTCTCATGA GACTAAGTGA ATTCTCACA GATCTGATGG TTTTATAAAT
294101 GGTAGTTTTC CTCCGCTGAC ACACGCGCTG TCTCACTGC CGCCATGTAA
294151 CACGTGCCTG CTTCCCCTTC CACCAAGATT GTAAGTTTCC TGAGGCCTCC
294201 CCAACCATGC AGAAGTGTGA GTCAATGAAA CCTCCTTTGT TTATGAATTA
294251 CCCAGTCTCA GATAGTATCT TTATAGCAGG GTGAGAATGG GCTAATACAG
294301 CTTCCCTCAC AAAACCTTTT ATATGCCTGA GCGGCATTAC TTGTCCTCTC
294351 TTCAGACACT CCATCACACC CCCAGGAGTG GACTCTTTTT TTTTAAATA
294401 AAAGATCCCT GTTTTATGTC ATGTTTGTAA CTCTTACAAT TTTCTGGTAT
294451 AGTACTTTTT ACACAGTAGT ACCTAACCCA TTCTTGTTAA ATTTTATTAA
294501 TCTACAAATTT ATTTTATTCA TTCTAAGCTA TGAATTAGGC TCACATTGTT
294551 TGTAACFCCC TGCTCCAAAG CTATAAACAT AGAGCACAAT GTATGGTTCC
294601 TTTGACAGT CATACGGACA TCATGGGCAC ACCAGGCATG TCACCATTCA
294651 CAGCCTCAGT TAGAAATGAC ATCCACACGG GGTGGCTGTC CCCAGGATTC
294701 TCACTGCGGC TTGACCTTCA CAATCGTGTG CACTTACTAT GGCAGTATGC
294751 AGATTTGCTC ATATTCTGAG TAAGCTCAGT CAGTTCAGTG TTGTGTTAAA
294801 GCAATTTGAC CGAACAAATG GCAGTTTAGT GGGTGGCCT GCTGTAAATA
294851 CATTTGAGGT GTGATAACAT AAATATGTCT GGTGAAAAAT AAAATTGGAC
294901 CAAATGACTA AATATTTGCT TGGGCATTAA AAAAAAGAA TTAATAATTG
294951 TCACAAATGT GCCCAAACCT CCTGATCATA AATGTAGACT TGGTTTGCTT
295001 GGAGATTGAG TGCAGCACCG CAAATCGGCC TCAGCTTATT TTAACACTCA
295051 TATTTCCCAA TACACTAATT CAATCCACAA AGCTCCAAAA TTAAGTAGGA
295101 ACCAGAGCTG AGAAGTGGGT AAGCACCATTA GGACATCTTA AGAGACTGCC
295151 TCTGATTTAT GCGTCAGAAA ATGTGTGAGA GTTCTTCCTG ATTTAAATCA
295201 CCAAATAATT TGTCCACTGT TAATCAAATA TAAAACAGAG CTGAACCTTA
295251 TTTTCTCAAT AACCAAATTT ATAAGTATGA AAAGACCCTA ACACCTGAGG
295301 ATAAATGTTA AGAGAGAATG TGTCAATGAA AATGGGTGGT AGTCAACAAT
295351 TAATTAGAAA TTCACATATA TCCATATTTT GAAAAGGAAG GGAACAACCT
295401 CCTGAGGAAA CACAGTCAAA AATATTTCTT TGGATATGTC AGAGTTATCT
295451 CATAAAATTT CTTGTGCAGA ATATTAATAG AGTATTGAAT TAGGTCTTTT
295501 ATGTTATAAA ACCTGATCTC TGTCAAGCAG TATGAATTGG TCCTGGGATG
295551 TGAAAACTC TATCATATTT TATTTAGCAA TAATCTTTTA ACTTAGAACA
295601 AGCTTATGAG GAAATCATTG CTTCAAGATA TGTAATCAAA TATGACAATA
295651 CTATTTTAAC TAGATTCTCG AGATCTCAGA CCAGAGCCAA TATCAAGCAA
295701 ATATATCAAA TAGGTGACAG TGGCCTTTGG CATTCCTTTT CCTCTCATGG
295751 CCCAGCACTT TGTTCCTGTC AGTTCCTCCC TCTCCTTAGG TGACCTGGGT
295801 GACCTTTGAT ATTTACTTTC CTCCCTCTCA GAAGGGTGTG TTTGAAATAG
295851 GGAGGGAGCA GGACACAACCT CAGTGTTCCT CAGTGACATT CCAAGGAGCT
295901 AGATGTTATC GCAGACTTCT CTAATAATAG ACTTCAGAGT CAAATAAACT
295951 TAGAAAATGC TGCATTGGAC AAAGTATATT TACTTGTTTT TGCAAAATTT
296001 CTCAAAACCT CTATAACACT AATATGAGCT GAGCATCTCC TAGAGAAGGA
296051 CATTTCTTAA ATTTGGTTAA TTACGGCAAG CCCTTTCCAG TAATATCTGT

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296101 TAACATCTCA CTCTTCGGGT AACACTAATG CAAGGGAAAG ATGAATGCAG
296151 GACAGGTCTC AGTTCAAAGC TTGCTTCTGC TACTTAGTTG AGAAAATTCT
296201 CTTGAGATAA GGTTTTCTCC TGAGAAACAT GTGGCACATG GAAGACATTC
296251 AGAAAACAGT AGCCATGATT TAATTATATG GTTGTTAATA ATTGTAGTAA
296301 TAATAATATG TAGCGATCCA GGGAGCAAAG TATTCTTAAA CACTTTAATT
296351 CCCTTATTTT TAAAAAGTCC TAAGCCAATG AAAGGGAGGG TAGAAGGAAA
296401 ACGGTCATGA GCCAATGTAG GACTGAATAG ATTAATAATGA AATGTGGGGC
296451 TGGAGACAGG CTGGACAAAT AGATGGTGTC TTGCTGCCTC CCAGTTGGCA
296501 GGAGAAGGGA ATTATGCCTA AGTTAGGAGT GCAGTGGGGT GGAAATGGAC
296551 AAGGCTGCAA GAAAGAAGTG GGAAGAGCTG TAATTATCAA GCCATTGCTT
296601 ATAAAACATA AAAAATATCT TAGAATACAC CTGATTTAAA AGTCATGGAA
296651 TTCAGAGTCT TGGCTTAATG AAGGAATTGG AACCCAAGCA TTCTGTCCCA
296701 AAACAGAAAG GGCACAAAGT GTCCCAAGAC CAAGGGACGG GAGGGACAAC
296751 ATGCATGGCT CACTTTACTA CTGCCTAATG GGGATGATAA TGGTACTATT
296801 GCCATTTTTC TGAGGATCTA AATCATATTA AAGCATGTAT AGCCCTCATA
296851 ACAGTGGCTG GCACACAATA AATGTTAGCT GTTGGCATTG CCTTTTTTTC
296901 TAAATGTGC TTTCAAATGC TAATCCTGGT ACCTAGCCCA GTCCAGAAAT
296951 AAAGATGTT TCACACATTT CTACTGCATA CCAAATTCCTA TGGACTATGG
297001 AGCTTGCTGA AAGAAGCTAA GTTCTGTCAT ATACATTACC CGGAGCACAG
297051 TGTGCTTTT AAAGGCAGTG GGACAATCCA CAGGGATAAA ATAAATACAA
297101 GAAATAAACC AAGGGCCTCA TCACTGCAAA GGTGAAAAGG AGGCATATTT
297151 TACCTATTAC ATGATAAAAG GGCCTTCCCC CTACTATGTC CTCCTCCCA
297201 TTCAAAATC TACTTGATGT ACCTTCTCAT CTGGACAAGA GAATTAATCT
297251 GATGAGTTC TCTCAAGCTC CTTAAGGGCT GAGTGACTCA ACTGCATCAT
297301 TGAATATTTG GAGAAAGTTT ACTCACTTTT TTAATTTGAG AAATTGATTT
297351 TTATCATTC AAGTGATAAT ACTAACACTC ACTTATTGCT AACATCTTTT
297401 ATGCCAGGCT CCTTGCTAAC TACTTTACGT GTATTATCTG ATTTGACCTT
297451 CCCCACAGTA TTAAATAGGA TACTCTCTCT CCTCCCTTCC TTATTTTATA
297501 GATGAGGAAT CTGAGTCTTG GAAAGACTAA GTAATTTGTC CAAAGTCATT
297551 CATTCACTAA ATAAATAGTAG AGCCAAGTCT GTCCAATTCT AGGGGGCTACA
297601 CAGAGCTGCA CATCCAAGAA ATTTACTACT CAATATCACT GCCTTCCCCT
297651 TCTCTGAGTG TTTAAAATTG TTTTAAATA GAAGTAATTG AAAATAAATT
297701 ATTCACACTG TTGGCATCTC AGTCATTGTC AATACTGCCA CACAGCAGAA
297751 CATGAATATG ACAACCAGGT TTGTGTTAAT TAGATTAGTT CTTCAATTTT
297801 AAATGACAGG TAAATATATA TAATCTCTCT TGGAAATTCT GAAAGGGTCA
297851 TCCTAGTCCC ATATTACCCC ATCAACTACA TCAACCACCT AACAATCTAA
297901 ATACATTAC TATTGTTGTA ATTTAATCAT GTTGGTGATT GTATTTGTGT
297951 GTGTGTGTGT GTGTGCGTAT GTGTGTGTGA GAGAGAGATT ATGTTAAGGA
298001 TGTTTCTTTA GACCTAATGT ATTATCAGAT ACACCTGCCA CTTTTTGCCA
298051 GCTCAGTTTT TTGTTTATAA TGCTTCTATA TACATTATTT TATTTGTTCA
298101 TAAACTTCC TCCTTTTTGT TTTCACTAGG CTCCTTTAGT CTTAACCATG
298151 TGACTGTGTA AATGAGAGAA ACGGGCAAGT ATTCTACTGA AGGCCACAAG
298201 CCTCCCACAT GCAAGTGGGA CCCAATCCAT CAGGCTAAAC AGACTATACA
298251 TGGCCATTCA GACTGTCTAT CCCATTTATT TTTGTTAATA TGATTTTGCA
298301 TAAGAGTTAT AGAAATCATT AAAAAGTCAG GAAACAACAG GTGCTGGAGA
298351 GGATGTGGAG AAATAGGAAC AATTTTACAC TGTTAGTGGG ACTGTGAAC
298401 AGTTCAACCA TTGTGGAAGA CAGTGTGGCG ATTCTCTGG GATCTAGAAC
298451 TAGAAATACC ATTTGACCCA GCCATCCCAT TACTGGGTAT ATACCCAAAG
298501 GACTATAAGT CATGCTGCTA TAAAGACACA TGCACACGTA TGTTTATTGC
298551 GGCACATATC ACAATAGCAA AGACTTGGAA CCAACCCAAA TGTCACCAA
298601 TGACAGACCG GATTAAAGAA ATGTGGCACA TATACACCAT GGAATATTGT
298651 GCAGCCATAA AAAATGATGA GTCCATGTCC TTTGTAGGGA CATGGATGAA
298701 ATTGGAAATC ATCATTTCTA GTAAACTATC GCAAGGACAA AAAGCCAAAC
298751 GCTGCATGTT CTCACTCATA GATGGGAATT GAACAGTGAG AACACATGGA
298801 CACAGGAAGG GGAACATCAC ACTCCGGGGA CTGTTGTGGG GTGGGGGGAG
298851 GGGGGAGGGA TAGCATTAGG AGATATACCT AATGCTAAAT GACGAGTTAA
298901 TGGGTGCAGC ACACCAAGCAT GGCACATGAA TACATATGTA ACTAACCTGC
298951 ACATTGTGCA CATGTACCCT AAAACTTAAA GTATAATAAT AATAATAATA
299001 AAAAGAAGCT CATCAAAGAA AAAAAAGAA TCACAGCCAC TAACAATTTA
299051 AATAAAGTTA TAAACCTAA GTAAATAGTA AAAAAAAAAA GAGAGATATA
299101 GAATAGTCTT TCTAAATGTG CTTTGTCTC TTCAGTCAA TAAATAGACC
299151 CTAGATCTTT TAAATTTATT TCTCTCTTT AAGACATCAC TAATACTAAC
299201 ACAGCCCATG TCTGTGTGCT CTGGACACCA AAATACAATT TCATACTTAA

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299251 AACAAATTTGC TATATCCCCA ACTCCAAAAG ACTGAATTTT AAGAACATAG
 299301 AAGACCATCA AGATATGACC TCCTATCACT CAAGTCCTCC TTTTGAAATA
 299351 CCTCTTCTCT TAGCCTGCAA CACACCACAG CCTTTTTTTC TTCAATTTTT
 299401 ATTTTAAAGT CAGGGGTACA TGTGCAGAA GTGCAGGTT GTTACACAGG
 299451 TAAATGTGTG CCATGGTGGT TTGCTGCAGA GATCATTCTG TCTCCTAGGT
 299501 ATTAATCCCA GCATTCAATTA GCTATTCTGC CTGATGTTCC CTTTCCCCGA
 299551 TCCCCGCCT CTTACAGGCC TCAGTATGTG TTGTTCCCC ACATGTATCT
 299601 ATGTGTTCTC ATCATTTCTG TCCCATTAT AAATGAGAAC ATGCAGTGT
 299651 TGGTTTTCTG TTCCTGCATT ACTTTGCTGA GGATAATGGC TTCCAACCTCT
 299701 ATTCATGTCC CTGAAAAAGA CCTGATCTCA TTCCTTTTTG GCTGCATAAT
 299751 ATTCCATGGT GTATCTGTAC CACATTTTCT TGATCCAGTC TATCACTGAT
 299801 GGGCATTTAG GCTGATTCCA CATCTTTGCT ATTGAACGCA CCACAATCTT
 299851 GATTATCTTT CTACCTCACC ATCTGCTCCT ACCCAATCTC TGCTAGTTCT
 299901 TTATCTTCCC TTCTTTGATT CTATGGTGCC TCCAGACTCA GGTACACATAG
 299951 TTTTCCAAC ATATTGATTC CCTGTGTGAC CTCATCCAGT CCTTATACGT
 300001 AATCCATTCT CTAATTGTTT CCAAATTTGT ATCCTAGCTT GGGCCAATCC
 300051 CTGAACCTAA CTTCACTCTC CTGGATCCAA CTACCTTCTC AACATCTCCA
 300101 CTTAGATATC TAATAAACAA TTGCAAAGTC AACATGCTGA AAACATGTGG
 300151 ATTTACACAA TCCCAAAAGC CACCTTCTTC CACAGTCTTC CCCATTTTAA
 300201 TAAATGGTTC TGCTACCAAA TTTGTTGTCA ACTTGACAC CTCTCATTAT
 300251 CTTATGTCCC ATCCAATGTA TCAGCAAATC CTATACGCTC TACCTCAAAA
 300301 CATCCCAAAC AGACCCCTCA TTACCACCTG CAACAACAAC ACCCTGGGCC
 300351 AAAGTCCCAT CTTGGCTTAC CAAGAGTATT GCAGTATTTT CCAACTGGT
 300401 CTCCCTCCTT CCATCCTGGC CTCCTCTATA AGCTATTCTAT CACACACACA
 300451 TGTGAAGGAA AGTTTAAAGT CAAATCATGC TAACCCCTGG ATAAACTCT
 300501 CCAGTGCCTT CCTGTCTAAC ACAGTGAAAA GCTTCAGATC CATTCTTTGG
 300551 CTTCTTCCC AGTGGCTTCT GGCTTCTCCC TTGACCTTGC CTACTCTCCC
 300601 CACCTTGCCC TGTCCACAA CAACCATA CAAGCCCTAGT TACATTGGCT
 300651 TCTATGCTAT TCCTCAAAGA CATAAGATGC CCTGTGAACA CAAACCACAC
 300701 ACAGTACAAT AAAAGCCTT TAAAGCAGTT CAAAAGGAGG AGTCCCATCA
 300751 TCTTATTGTA AAATGCAACT AGGTATACGC CACCAACTTA TAAATAAAG
 300801 TATACTTTT ATAATTATTC AGATTACCTT GAGTTTGCTT GCTCTATGGC
 300851 TGCAGTCAAA AATCACATAC TCTAAAAAT TTATTAAAA TAGCACTGTT
 300901 CCTCCTAAC AGTCTTTTCC ACTTTGGAAA TGTTTTCCT CAGGGGAGAA
 300951 AATGTGGATA TGAAGTGTAG TCTAGCAATA TTAGTATATT TGCATGTATA
 301001 ATTTTATAAA TAATAGCTAA TATTATTGTA AATAATCTGC TTCTTAACAA
 301051 ACATTATTAA TTTCATTGTA ATACAAGATT CATTTAACAA GGTCTGAAAT
 301101 TTTTTTAGAT TTGTTTAGAA GTCTTATTTC CACATTATTA GATGCTATT
 301151 TTTTCTTCTT CATTGCTTGG TTAGTGTGTT CTGGGTTAGG TTTCCATTGC
 301201 TCTTGCTCCC AATGTTGCAT TCAAGAGAAA TACTTAGGAG CACAGAGTGA
 301251 TGACTTCTTA GGGCAATGTC ACTTGACCAA AGTAGTATCT TGACAGAACT
 301301 TAGTTGGAGT TTGTAGAATT ATCCAAGCTA AAATATTTCT GTTCTATAAA
 301351 ATATATCTTA TTCTTCTCTT CCTCTAAATT CCATGTATCT CCTTTCATTG
 301401 TCTGCCTTCC GGGAGGCTAT GCAAGATTGA TGGAGATATT AAATCCCCAA
 301451 ACTAAAAGAG AAAAGTATGT GAATGTGAGT TTTCACTTGA CTTGAGAGGA
 301501 AATATATTGC TTAATAGAAA TGTACAGGAA ACAATGATAG TGGGCAATAA
 301551 ATCCCAGATT AATTACATTT ATTTAATATG CTTTAGAGCC AATGCAGATA
 301601 GCTGAACCTT TATATAAAGC ACTATAATTT TATGATTTT AGTACTATGA
 301651 TTTTTAGTAA TTCAGTAAAT TACTAAATCA GAAATTTTAC TGATTTAGAC
 301701 AGTAAATTTT CAAACACTTG TATTAGAAAA CATGATTTTG CCCCTTATTA
 301751 CAAAAGCAA AACTGCTCTA TTACAAGCCT ATTAGATCTC TATCCCCACA
 301801 TATTTTATTT CTTGATTCTT CAAACACTTT TTATGTTTTT TTATAGTCAA
 301851 CAGTACACCC CAAGTGTGGA AAAATTTGAA ACTGCTTAAA TAGCAAATGT
 301901 GCGAATTCAC AATGATATTC TAAATGATCC AGGAAATGTC ATTTTAAATG
 301951 GTAAAATCAA TATGATTTT GGTTCATTAG GAAAGTACAT AATGACTATT
 302001 TCTAGCATCT CCTCAGACTC TGTTTAAACCA GTGTGTGCTG TGATGCCTGG
 302051 CCTGAAGCAC TTCTATTTTT AGTTCTAATA GAACAGTCTT AAATTGCTTA
 302101 TTTTCTGTTT ACTAAAGTCA TCCCGTTTGT TACCATGGAA ACTATGACAA
 302151 GTGCTCCAGC TAACATTTTT ATTAAATGAA TTGGAGACAT AGCTGAAGAA
 302201 GCTGAAGACT GAAGGTGCAG CTTGCCATTC CTAAGGCATA TTTTCCAACA
 302251 TCTGTAAAC CATTGCCACA TTTATAGATA ATATGAAATT AGTTATAAAT
 302301 AAGTTATCC ACATTTCAAA TTTGGGAAGC TGTCCACATT TGTATTATAA
 302351 CTAGCACATC TGAATTATAA GGAGCACATA GGCATTCCCTA ACTTACAAAA

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302401 AGTCTTTCTA AAAGTATATC TGTGATCAA TTCCTTGAA ATTAGAACAT
302451 ATTTACCCAT AGAAACAAT TTATAAATA TTGTTAGATC TCCAGGCTA
302501 CCCTCAAAT CCCTCCCCTA TGAAGTCCTC GATCTGTGGC GGTCTCCATA
302551 ATAGCTTTTG TTCTCAGCTC TAGCAGCAGG AGCCAAGATG CAGGATAAGA
302601 AGAAAGGAAA GAGTTTTCTT ATGCTGACTT TATTAGAGCT TACATAGGTC
302651 ACCATTTGGG ATACTTGCAT CTACTGGCCT TTGCAGATGT TAGGGCTCCC
302701 AAAAGATCC TTCAGCTGTT TGCCCGGCCC CTGTCTCCAG CCTCCAGGGG
302751 TCCTGGCACT TGCTCACATT TCCGTCTGAT GTTTCATGCC AGACTAATCT
302801 TGCTCTCAAC CTCCCCCGC CTCTGCATTG AATCATCATT CTCCTCAAGA
302851 TTCAAGGTGG TCTCAGCTAG TTGTGAAAAA AAGCAGTCGA AATGGACACA
302901 TTTCTAAAT CAGGGGGGTC CGATCTTTTG GTTCCCTGG GCCACATTGG
302951 AAGAATTGTC TTGGGCCACA CATAAATAC ACTAATGCTA ACGATAGCTG
303001 ATGAGCTAAA AAAATAATAA TAAGTAAATA AAATATGCTC AATGTTTTAA
303051 GAAAGTTTAC AAATTTGTGT TGGGCCACAT TCAAAGCCAT CCTGGGCCAC
303101 ATGTAGCCCA CAGGCCACGG GGTGGACAA GCTTGTAAT GATTAAGAAC
303151 ACCTTCTGAA GTTTTGGCAT TTTAAAAATA CTTTATTTGT AACTTAAATA
303201 GCTGGAACAG AAACAAATTT CAAGCCTGTG AAATTTCCAT TACCTTGAAT
303251 AAAGAGCATA TTCAGAGGGT AAAAGTGTGA GGAAGTGTCT TTGAGGGAAT
303301 TCTAGAAGTC AGCTGCAAGG AGTCAGTCAG CAGTCAGTTG ATTTAAAGA
303351 AGTCTACTTT TCAAGTGAT TCTCTGAATC TTGGACCTGT GGGTTTCTGT
303401 TGGAAAGACGG TTGGTAGTGG TTGATTGCAA ACTGAGTCAT ACCTTTGTTT
303451 ATTTCAATTC CACAGAATTC TAATGAAATA TAGCTTACTA GCCCTGTAAT
303501 TTTGCTTTTA GAAGAATATC GTCTTGAAGA GTACCATCTC ATGAAGAAGA
303551 TTACTAACAC AATAATATAG ACAAACCTTT GTTCTTATTT TCTAACAGAA
303601 TAAAAACCA ACAAACCAT TGTAATTTGG ACGTTGTGAA TTTTGCACAG
303651 AAAAGAAAAG AATTACTGTA ACATATATAA GATAGAGTCA ATAATTACC
303701 ATTTTATGTC CAATAAATTA AAAGAGAAAA AGCACATAAG TTGCTTATTT
303751 TTAAATCAA GATGACATGA GTTGCCCTCA TTTTATATAC AGCTATATTT
303801 TATAGAGATT CAGATTTAAT CAAAATTTAT AAGAAATGG TAAGAATTAT
303851 TTCTAGAAAG TTAAAGAATA TATCTTTTAA AAAATTAAC ATTATAGGGA
303901 TGGGTGTGAA AGCAAATAGA ATTTGATATT TCTGTTTTTC CACAATGCAG
303951 TAACTGAATT TATTTGTAAC GTTTTCTGG AAAGACATAT GTATTTTAA
304001 TGAATATGGT ATGCAATAAA ATATGAAGTA AAAAGATCA AATTATTTTT
304051 TAATATCAGT GATCATTTAA GATACAAAT TCCTTAAGAG TATATTTCAA
304101 TTTTAATGTT ACTTGATAGT TCAGAAATGAA GGCATATTTT TAACTAACAT
304151 TCATTTTAA TCTCCTTAGG GTCCACTTTT ATTTGTAACA CTCACATAAT
304201 TCCAGTGAAA AACCAAGAGG GCGTGGCTAT GATGTTTATC ATTAATTTTG
304251 AATATGTGAC GGATAATGAA AACGCTGCCA CCCAGAGAG GGTAAACCCA
304301 ATATTACCAA TCAAACTGT AAACCGTAAG TAAAAGCAA TGTGTACTCA
304351 ATGCTCTTGA TAATTCTGCT ACTGTAGTCA CTTTAATACA GTCTTCATTT
304401 CAATTCAGTT CTCAAATAT CTTTATATTT GAAGTAAAT AATTTGACAT
304451 GAGTAAGCCA TTAGCTCATG TTACCTTTTG GTACCTTCCA AAATTTGTTG
304501 GCTGCTCTGA AAGCCATTTA ACTTGGATAT AATATAATGT ATTTAACCAG
304551 TCCCTTGACA CCTGATGGAC ATTTAGGTTG TTTTCAAAT TTGTCTGTTA
304601 CAAATAATGC CAGAGTAAAT TCTGCTTATG TATTTTCATA TGTATATTAT
304651 TGGACAAATG TATCTTCAGG GTCCTTTAAG TGGGATTCCCT GGGTCAAGGG
304701 TGATGCATAT ATAATCTTTT CAGATACTGT CAAATCTCC TCCACATGCT
304751 TTGAACCATT TTACACTACC ACCAGCCATG AATTAGCCCT TTTCCCAAA
304801 ACTATGCCAA CAAAGCGTGT CAGAATCCGT TTTCTCACT ATTGTCATTA
304851 TCATAAGTGA GAAGTAGTAC CTCAATTAGT TTTAGTTTAT ATTTATCTA
304901 TGAGTAAGGT CCATATATTT AAGCACAAAG GACATTTCTT TATCAACTAT
304951 CCATTTCTTT TATACATATT GGTGTTTTTT TCTCTATCTT GTCAATTTAT
305001 AATGTAAGCT GCAAATAGCT TACCTAGAAA ATAATGCGTC TTTTATCTTT
305051 TTCATAATTT TTGTTATTTA AAGGGTTTTT TGGTAATGTG TCTAAATTTA
305101 TAACCTTTTC CTTTATTGCA TCTGAATTTT TGAGACATAA TTAGAAAAGC
305151 TTTCAACACT CCAAGGTTCT AAATAAATCA CTTCTTTCC CCGGAACCTG
305201 TATGATTTCA TTTTTAGGA TCTCTGATGC ATTGTAAGCT TATTTTGGTG
305251 TATAGTGCAG AGTATACAGT TAATTTATCT TGTCTCAAT GGCTCACTCA
305301 TTGTTCTAAC ATTATTTATT AAAAAGTCTA TCTTTTCGCC AGTAATTTAA
305351 GATGCCACCT TTATTACACA CTAACTTCC ATATGTGCTT GAATCTATTC
305401 CTGGATTTTC TATTCTGTTT TGTGATCTA TCTATCGCTC AGAATCATAC
305451 AGTTTATATA TACAATAAAT AACTAATATA CCATGATCCC TTATTATTCG
305501 ATATTAAATTT TCAGAAGGTT GAGGTTATTT TTTGATTAAT TTTCCATGTG

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305551 AACTTTAGAA GCAAATTTTC TAGAGCTACA AAAAATTATT TAATATTTT
305601 ATTGGATTCA CATTAATTGT ATAAGTTAAC TTGAAGATAA TTGATGTCTC
305651 TATAATGGTG TAATTCTATT CAAAAATATA GTATGCATTT TTATTTTCTA
305701 AGTCTAATTT TCGTGTCTTT CAGGAATGTC TTAAAATTTT CCTCACTGT
305751 TTACTTTGCT CCTTGGCATG TAACTTTTGT TGTGTCTGCT ATTATAAATG
305801 GAACTTTTTT CCCATTATAT TTTCTTATAA AAGTAACTTT TCTTTCTGAA
305851 TACATTAATT TTACATCCAA CTATCTTAGT GAATCTTAG TTTACAGTGA
305901 CTTATACATT GACTTTTATT AATTTTCAA ATATTCTATC ACATAAAATA
305951 AAAATTGTTT TATATTTCCCT TTCCAATCTT GTACATCTCA TAGTTTTCTC
306001 TTGTCAAAAT GTGCTGGCTA TTACCTCCAA GGTATCATTA AAAAGAAATC
306051 AACAGTGAAC ACTACGCCCT GGCTCTGATT GTTGTGCGAG TGCCTTTAAT
306101 TCAAACATTC CCCATTAATT GAAATAATGA CATGTGAGTT GAGTTGTATG
306151 TGCTTTATTA TTCTAAGAAA GTTTCATTG ACTTAAATTT TTTAATAATG
306201 GGTGCTGAAA TTTGTAAAAT GCCTTTTTTA GCCTCTGTGG AAATGAGTGT
306251 ATTATTCTTT TCTTTTTTTA AAAATATATT TTATAAATGA AGTTATTAAT
306301 ATGAACCATT CTGTCATCCT TGAAGAAGA CACATTTGGA CATGATATGT
306351 TTCATTTTGT AATATGTTGT TGGGTCTCT TAACGCATAT TAATTTTGCA
306401 ATTTGCATCA ATATCCAATA GGGAGATTGA TCTATAATTT TTGCCTGCAT
306451 ATGTGCAATT TTCTAAGGTG TTGGTATCAA TATTATAATT CCTTCAAAAA
306501 ATAATTGAGA GTTCTCTCTC CTTTTTGTAT GCTATTGAAG CATTTAAATA
306551 GTTTGAGGAT TATCTAGACT TTAAGAGTTA GGTGTGATT CCCTGTAAAG
306601 TCATCGAGGT ACTTATTTGT GGTAATTGTT TGTGAAGTAG CTCCTTGACA
306651 AATTTATTTT TCTCTTTTAA TAATGGTCTA CTCAAATTAT CAATCTAAC
306701 TAGTTTCAGT TTTGCTAGAC ATTATTTCCC TAGAAATTAT TTCATGTAAG
306751 TATTTAAATT TTGTTTTAAT AGAATTATGC AAGGTAGTAT TTTATGATTT
306801 TTTAAAAAAA TCCTCAGTTC CTATAGTTTT TTCTTGAAT TTCTCATTTT
306851 TTTTATTATT GTTTTCTCCA TTTAAAAATTG TTGATTAATC AGTAGCTTTT
306901 TTCCCAAAGA CTTAACTTTT TATTGGTTTA TTAATTCTAT TAGTTTTCAA
306951 ACTCACAAA TTTTGCTTTT ATATGCTTAA TTCAGTTTT ATCAGCTTAC
307001 TTTGTTGCCT CTTTTTCATT GCATCGATTT ATTTTCATT TTTTCTTTT
307051 TTGGTATATG ATTTTAAGGC TATATATTTT TATCTAAGCA CTGTGTAAGC
307101 TATACCCCAT GAATTTAGAA ATGTAATATT ATTTTTCCTA GAAAATATGC
307151 AACTTTTGT TTTCTAGTTT TTAACTTGAG TTGTTTAATA TAGTTTTTAG
307201 TTTTCCAGTA GGAAAGGTAT TTTTAAAGTA TTATTTTTTG TTAAGAACTT
307251 CTGGTTTTAT TGTCTTACAG TCATAAAATG CTGTTTGTAT TATTTCTCTT
307301 TTTGTAATTG TCTAAAATTT GCCCGTGGTT TATTATTTGA TCAATTTTCA
307351 TGAGTATGTC ATGTGAATAT GAAAAAAAAG TGATATTACA GAATATCAAG
307401 CTACAAAAGT TGATATCTAC TTTTAAACT CTGCCTTATT ATTATGCTGT
307451 CTTCTATATC CTTACTTATT TCCTGTCTC CAGATATGTC TTGGATTAA
307501 GAAAGTGTAT TAAAGTCTTC TACTGTAGA ATATTCTTG GTATTTTCA
307551 TTCTCTCTCT TGCAATTTCT GTTTTATGAA TATTGCTTCT CTGTGTTATT
307601 TCATAGATAT TCATATTTCA TAGGTAGCCA TATATTTTGT TATTAGTATA
307651 AATTAGCATT TAGCATTACA AAGTATCTCA TTTTGTGTTA CTAATTTTCC
307701 CCCTAAATTC TACTGTATCT TAAATCATGA CACTTGAGTC TTTTCTTTT
307751 TCCATTTTCT TCTGTATTT TAAAGTCATC TTTTAGTCAT TTGCCTTGT
307801 TTTGGTTGTG TCTTTTTTAT ACAGTGTGCT GTTTTATGCA AATGTGAAGC
307851 TTTTCTTTAT TGCTTATAAG AAAATGATAC TTCTACGTTA ATTGATTATA
307901 ACTGCAATAG GTATTTACAT TTATTGACGC AACTGATGTG TTTGTTTCT
307951 TGATACTAAC ATATTCTAGG TTAATATATAC TTTCTTGAAG TACTTCATTA
308001 TGTATCTTT TCTTGGCCCT TTTAAAACT GTTTTGTGTT GTTGTGTTTAT
308051 TCTGGTTTCG GGGTTTTTTT GGATTTTGGG AAAATTTATA TTTTTTTCCA
308101 ACAGTTATCT TTATAAGAAA ATGTTATATA CTCTCCTTAA CTCTTTCCTC
308151 TTTTCTCTAG TCAGTGTATT TTGGTTCCCT ATTTTGAACA AAAATAAAAT
308201 TATTACGCA AAAACCTCAA TTATTTTGCA CCAACCTAAT AGCTTATAAT
308251 CCTTTTCTTC TGCTTCCAC CATGCAGTT TCGTCAACAA TATTCTATTT
308301 CTTAAGGCTC ATCTTTGTGC TCCTGAGTAT CTTTAGTCTC CTGCCATTCA
308351 GTGTGTGAGT TTAATAAATC ATCACTTGAC TCTCATCTGT TACCAGTAAG
308401 GACTCAGTG AGCTTATCTA TTTTCTTCTC CTCTCCCTCC CATTTTGTG
308451 GGATATGGTA TTTCTAGCTT GTCAAGTAGA TAATGTGTAT ATACTTCTTA
308501 CTTTTCTTTT GGCTCAAAT TTCTAGTGAA ATGTATGCAT GACTGTCTTT
308551 TTGTCAGAGA TTCCCAAAC ACAGCTTCTT AGGTGAAGTA TATCCCTTTT
308601 GGGAAACGTG TGTGGGTAAA ATATTTTCAG AGTTCTCTCG TGTTTAAAT
308651 GTTTTTATAT CACTTTGACA TTTGAAGGAC AGCCTAGGTA GATATGACAT

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308701 AGTATTTGGT CCATATTCTA TGCCTTGTGA CTCTGGTCAA TATTGTTTCA
308751 TTCTTTTCTT ACATCAACTG TTGCCGACAA GTAGTCTGAC GTCAACCTGC
308801 TTGACTATCC ATTGTAAGTG ACTCTGGTAT CTGGGGTCTT GTGCACTTTT
308851 TAAGCCCCCTT CTATTGTCTC TCCAGGAACT GGTGCTCATG TTACAGACCT
308901 GCTCTTGAGA TTTCTTACTC AGTGAGAGGC CCTCTTCTGC TGAAGGTGAA
308951 CTCTGTTTAA TAAGTGTCCC AACACTCCAG GGAGACTTCT GTACTCCTCT
309001 TTTCTTCATT TAGTTTCACC TTGACTCTCT GTTGCAGTGT GCTTTTCTGA
309051 GCCAATTATG CTTGTATTAG CAAATTCCCC ATCTACATGT AAATAAAAGT
309101 CTGTAAGTTG TCTTTCTCTA GTTACTGCAT AAGCATGGTT TACGGGTACT
309151 TTTATTTGAC TCCTCCTTA TTAAATCTCC AAGGTTTATA TAGGGGTCCA
309201 TGAGGATTTG GTAATTTAGA TATCTGTCAT TATCTATGGG AAGCTGGAAG
309251 CCTTATCACA AAACCTTAAT ATTTGAGAAA GGAAATTGTT ATACTGTGTA
309301 TAAATTCAGA TAGAAAAATA TGCGTATAAT GAAAAACATG GTCCCAAAAG
309351 CTTATTTTGT TAACCTAAGT ATAATACCAA ATCAAACATA CCTCAGCTGA
309401 TAATTTTCTT TAATAGCAAT TTTTCCTTAG GTATGTCTAA ATGACAGTAC
309451 AATATTCTTT TAAAGCAATA TTGACACAAA TACATTAATG TAATATGATT
309501 CTAATATGTT AAATGTTTTT CCCTGAACAA TATTATACTT GGAGAAAAC
309551 CTATCAGAAT TACTAATTCA TCAATCTTCC AGGTGACATA TTTAGAAAAA
309601 AAAATTGAGC TACCATAAAA AACTTCTTAC CCCAAAGTCT TGATCCCAAA
309651 GTTGATGACT TTTTGTGATT TCTTATACTT TCCACTAACA AATGCAATCA
309701 TTAATGAATG ATTCCTGAGA GTACACTTCT AATGTCAACC TCTATTTGTC
309751 ATGAATACCA ATAAGGTAAT TTGTTTGGAT GGTGGATACC TAGTTTAGTT
309801 TCTTCACTGT CTTCTCAAAT TCTCATATTT TCCCACGGAA TAGTTGTCTT
309851 TCATGGTCCA TCAAATTGGA TGGAAAGTAA AAAGGGAGGG TATATCAGCA
309901 GCATGGCAGA GAAGGGGACT TTTAAAAAAG ATAATGTGTC CGTTTAAAC
309951 TGAATGTAA ATGGAGAATT GAAACCTTGG TTTCTTAAAT GGAAGATAGT
310001 CTTTACAGTA GCCTCCAGGA TATAATACAC AATTATGCA ACTTTATATT
310051 GTGATTAAAA TAAAGTCCCTA TGTACAAGTT ACAACAAATG CAGTAGAGAT
310101 TCTGCTTCTT ATTTTATGAA CATAAGTTGT TTCCCTATGC TTTAGCTGTC
310151 ACTCATACAG GGAAGCGTTG GACAGAGTAA AAATATGCAG ATAAAATTAT
310201 TTCCAGAGCA TTACAAAGGC CCATTATTTA CCACCTGTAT ATCGGTTTTG
310251 ATTACACCCT TCTGTCATTA TATGACCTAG ATTTCTCTT ACTTGGTGTG
310301 AGTTTTTGAG GAATGGATTG TTAAATCAAG CAGAAAAGTT AAAGAAAGAC
310351 AAATTATGCT TGATACCTTC TGATACTACT CAATTTCGAC TTCATATTTT
310401 TTCTCATCTT TGGCAAACCC CTGCTGATTT TTTTCTTTG AAGTATAATG
310451 TTCCTACCAG TGTAAAATAA TGATACTGGC TATTTCAAAC ATTGTTGTTT
310501 CAGTGATAGC CACTTAAAAA AAATAAAGAA TAAAAAATTC TGATGCACCT
310551 CTTTTAGCAG ACACATCTTA ACCTTCAAAA TTGTGATATT ATTGCTTCAA
310601 AACCTACATT GTAACACCA GCTTTTGTAT CACTTGAAAT GATCTGAAAT
310651 AAAAATATGG TTACAAAGAA GTATACAATG GTATTCACAA AGGCGAATTT
310701 TAAACTGACA TTTCCCTTTA ACCAATGCTT ACTCTCTCAC TAAAGTGTTT
310751 GTAATTGTGT GTGTGTGTGT GTGTGTGCGC GCACGCTCGC GCACACTAGC
310801 GTGTCTCAGA GTGGTAGGAT TTCAGTGACA GTAATAAGAA AAAGGTTGTT
310851 GTGTGTTTGG GAAGATGTTA CTTTCTGAAA ATTTAAATAC CTCTATTGAA
310901 ATAGAGACAA AATAAAGGAA AAGATGTGAC ATGACTACAC AAGAAGCATA
310951 GCTTCAAACA AAGGGAGGTA TTAAATTACA AAGATTAAGT AAAAGAAAAG
311001 GAGGGAATA CACAGTAGAA AATATGGATT ATAAAAAGGC ATTATGATAC
311051 ATTGGGCTCC ATACATTCTG AAAACTTAGA GACTTCTTTT ATATAGAATT
311101 AAGTGGTGGA TCATTTCTCA GTACAAATAC CTAGTTTCAG AGCCAGGAAC
311151 TCTACACAAG AAAAGTGAGC AGCTTTCTCT CAGAAGACCT AATTTTTCAT
311201 AAACCTATTC TCTGTAGAAG ACCTGGAAC AGCCACAATT AGATGACTTA
311251 TGTCCCCTGA AATGAAGCAA ATACAGAAGA AAGTGTTATT TTGATAAATC
311301 TTACTATCAA ATTTTGATAA GTACTGAATA AATGAGCCAA TTAATTGCTA
311351 CATAATAGAT ATAAACACAA AATAAAAGAT GAAATTGAAC ACTTTCTCAC
311401 TGAAGTCTTC TGTA AAAAGT TTGCAGTCTA AAAAATGGAA ATAATACGGA
311451 GTGAAAGAGA AAATTGTGCA TTCCCTACCA AGCATAAGGG GCCACATTTA
311501 AAGGAGCCAA TAGTAATGGA AAAGTGTGTT CTCTTCTTTT CAGCTGTAAT
311551 ACTTGATGAT GTAGAATATA TGTGAAAAAT GGAGGAGAAA CAAATTATGC
311601 ATTCTTGTTT ACGTGATTAA TGCCCGAGTT TACTGTCATC GAGTATAAGA
311651 GGTTTTCACT TTTACTGTTT TAAATAAATT ATTTTGTGTT CATTTTAAAT
311701 TATTGAAAAC TATATTTGAA TTTCATATGT CTTCTATAGC ATGAATCTAG
311751 TATCATACTC TGATTACAC ACAGATACAT GCACACTTTT GAATCTCTA
311801 AACATTTCTT GAAGGGATTG GGGGAACCTA AATTAAACAA AAATTGGTAC

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311851 TTAAATTGGA TTCCCTTCTT TTACATTCCA TGTCACCGCA TTCCCTTGAG
 311901 TCTTTCCACC TCTGTAACAG CTATTTTCAGT ACCATTTGTT GTTCCCTCTTA
 311951 CTCTACTCTT AAAAGCTGTT TGTTCCTCCC CTGGGAGCTG CTTTTAATAT
 312001 TCATTCCCTC CTAGTCATCT CTATATACGC TGCTTAGGCA AACTCATTGT
 312051 TTAATTACAG CGTAAAGACC CTCTCAAAAA TCAGTATCTC CAGCTCATAT
 312101 CTTTCTTTAG GCTTACTTAC AACCTCATAT ATCCCACTAG ACATCTCCTT
 312151 TAGAAGATT TAGTATTTCT GGGCGATTTA GCATTTCAAG CTAAGAACTG
 312201 CCTTTCCATC TTCAGCTACC ATCCATTTCA TCCCACCAAA AACTCTTCCT
 312251 TTTCATACAT TATGAATAGT CATTATCCAA AGCTCCCAAG CCAGAACCTC
 312301 GGCATGATAC TAAACTTCTC CTTCTCTCTA ATCCTCTATT CTCCCAACCA
 312351 AAGGCTAGCC AAGTCTATGA AACACATCTC TTAACATCT CTCTCATATA
 312401 GCCCCTATA ATTGTCTTAT TCAGACCTC AACACATCTT TCTTGGAAGT
 312451 ATATAATAGT CTCACAATTA GTATTCTGTC TTTAAGCTTC TTTTCTTCAG
 312501 GATTACATGT TATATTGCCG TACATCACAT CATAATAGTC CACTGTCTAT
 312551 ATCTTTTACA ATGGTCTCTT ATTGCCTAAA ATATAAGACT CCAAAGCCCT
 312601 ATGCATGGAT AATACAATCC GCCTATCATG ATATAGCTTC TGATACTTCT
 312651 TCAGCCTAAT TTCCCATCAC ATCCCATATT TTAGTGCGGG TTCCCTGAAG
 312701 CTACCATTC ATTTTATCCA CCTAATTTGT ATCATGTGGT GTCCCTCTA
 312751 CTAATAAGCT TTTCTTCTTC TAGCATACCT ATTCCAAAGG ACTCTTCATC
 312801 TGTGGAGCAT TCTTAACTCA CCCACATGGG TCCTGTGAGA TCATAATACC
 312851 TCATACCTTT CTCTACTACC ACGTTGGTCA CATCTGTTTG CTTAGTAAAC
 312901 AAGTAACATG AATGAAGAAG GCCAGGAGTA AAAATATAGA GAGAAGTGAA
 312951 GACTGGAAAA CTGGAGAACA TCTTTATCTT ATTTGAAGTG GCCCATAACC
 313001 CTTCAGCTCT ACTTCATGGC AGGGACATTT TATTTTCTTC CATATAGACC
 313051 TAATATTTTG CAAATAGTAA GTATCTAATA CATGTTGCGT GAAGACATAA
 313101 AAAGTTATTT TTTTCTTTTA ATAATTAAGC TACTTTTTTC TACTGAATG
 313151 GGCATTACTC AGATTGCCGT CCAATGGTTC TTCAAGTGTG AGACCATCAG
 313201 CATCACCTTG CAATGTGTTT GAAGTGCAAG TTCTTGGGCC CTACACCAGA
 313251 ACAACTGATT CGGAAACACA GAAATTCACC AAGCTGTGTT TTAACAAACA
 313301 CTTCAGGTCA TTCTGATGCC CAAGAAGGTA TGAAAACCAT GGTCTAGGTT
 313351 AATGAATGTT TAGCTAGAAC TATAAAAATA AATTTTAAGT GAAAATAAAT
 313401 GTAAGAAATA ACCTAAAAT TCTGAAGTAT CTTATAGTAA TTTTAAAGT
 313451 GTACTTTTTT ATTTAATCTT ATTAAGGATT AAAGGATATC CATTATCTTT
 313501 GAAAAGATTA AAATTACACT TTCCAAATCA AAGAGGATTT TACTTTTACG
 313551 CTTACTAAAA TTTTGAATTT TTCTAAAAGC TTCAACTGAA GCTAAGCCTA
 313601 ACCACACAAA ATATAGTTGA TAATTTAGAC AATTATCTAG CTAATTTAAA
 313651 CCATTAATAA TTTATTCATA TGCTTTGGAC TCAATACTCT AGATAATTGA
 313701 CACATAAAAT ACACATTTGC CTCAATAGCT ACATTACTTC CTCAAATTTG
 313751 TATCTCAGTT TTTAGACCTC AAGCTAAGGA ACAAGAAAT TTTCCATAGA
 313801 GCTGGTTTAT AAGAGGGCTT TTACAGTGT TTTACTATT TCCACTGGAG
 313851 CTGAAAGTCA TTCTTTATTT TGAAGATGAA GAGCTGCAAT AGTAATATAG
 313901 TTTCCCATTC AGTAAGCATT ACTATAGAAA CAATCTCTTT TTCAGATTAA
 313951 TTTAGTTAAA GGTTTTATAC TGTAACATAAT GTTTACTATT CTCATGTATT
 314001 TGGAAGTTTC CTCTTTTTTA AGATTAAAT TGACATAGAA AAAGGAAACA
 314051 TGGCATGGTT GCAAAAAAGA AATCTGAGGA AAATTTACTC AGAGTTGCAA
 314101 AAAATTTTAT GTCATGTGCC TCTCCCACCC CCCAGGATTT GAACATCGTA
 314151 TCTATTTCTA AGATCAAGAA AATTGCCAGT AGTTGAAAAT GTTGC GGGA
 314201 GTCAGGGACC CCGAACGGAG GGACCGGCTG AAGCCATGGC AGAAGAACGT
 314251 GGATTGTGAA GATTTTCATG ACATTTATTA GTTCTCATA TTAATACTTT
 314301 TATAATTTCT TACGCCTGTC TTTACTGCAA TCTCTGAACA TAAATGTGGA
 314351 AGATTTTCATG GACACTTATC ACTTCCCCAA TCAATATCCT TGTGATTTCC
 314401 TATGCCTGTC TTTACTTTAA TCTCTTAATC CCATCATCTT CATAAGCTGA
 314451 GGAGGATGTA TGTCCGCTTA GGACGCTGTG ATGATTGTGT TAACTGCACA
 314501 AATTGTTTGT AGAGCATGTG TGTTTGAACA ATATGAAATC TGGGTACCTT
 314551 GAAGAAAGAA CAGGATAACA ACAATGTTCA GGAACAAGA GAGATAACCT
 314601 TAAACTCTGA CCGCCGGTGA GCCAGGCGGA ACAGAGCCAT ATTTCTCTTC
 314651 TTTCAAAGC AAATGGGAGA AATATCACTG AATTTCTTTT CTCAGCAAGG
 314701 AACATCCCTG AGAAACAGAA TGCATCCCTG AGTGTAGGCC TCTGAAATGG
 314751 CTGCTTCGGG GGGCGGCGT CTTTATGTT CGAAGCTGTA GGGATGAAAT
 314801 AAGCCCCAGT CTCCCGTAGC GCTCCAGGC TTATTAGGAC GAGGAAATTC
 314851 CCGTCTAATA AATTTTGGTC AGACCAGTTG TCTGCTCTCA AACCTGTCT
 314901 CCTGATAAGA TGTTATCAAT GACAATGAGT GCCCGAACT TCACTAGCAA
 314951 TTTTAATTTT ACCTCGGTCC TGTGGTCTCT TGATCTTGCC CTGCCTCCAT

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315001 TTGCCTTGTG ATATCTTATT ACCTTGTGAA GCATGTGATC TCTGTGACCC
315051 ACACCCTATT CGTACACTCC CTGCCCTTCT GAAAATCACT AATAAAAACT
315101 TGCTGGTTTT ACAGCTCAGG GGGCATCACG GAAACCTGCC AACATGTGAT
315151 GTCTCCCCCT GGACACCCAG CTTTAAAATT TCTCTTTTTG TACTCTGTCC
315201 CTTTATTTCT CAGACTGGCC GACACTTAGG GAAAATAGAA AAGAATCTAT
315251 GTGAAATATT GGGGGTGAAT TTCACCCGAT ATCTGGCTGA ATTTCCCCCG
315301 ATAGAGTAAA ATACATTATT TATTCATTAA CATGGATGTT AATGAATGCC
315351 CAAATTGGTA TAACCACACC AGAGAGCCCC CATGTGAGTA TCATTTGGAA
315401 GATTGTGTTA CCTAGCAACA CCCAATCAGG GACAGTCCCT ATTCATACAT
315451 ACATACAGCA TTTGGGTAAT TGGTGTCTGT ACCATTTGTG TTTGGAACAG
315501 TCCATCAAGA GAGTGTCTGT TTATGTGATG ACTACATGAT CATCCATGCT
315551 CAATTTTGGT TAAGATGTTA TCACCTTCAC AGGACTTGAA TGGACTTTTT
315601 AATTTGACAT TTACAAAATG AAGAAATCTA TCAAAAAGAA AGTATGGGTA
315651 TTGCATGCAT TGATTTATTA AGCTGTATT TTAAGCACAT AGAAACTTAA
315701 TTAGGTGTAT ATTATGCTGC TGTGTTTGCT TTCATTCCCA ATCCCCCTCTC
315751 ACTGAGAGAT TTTAACCCTA AGAGGCTGAA ATCAGTCCAC CATCTTGTC
315801 TGTCTTCTGC CCTATCTCCC TTATCCAAAT TCATGTTTCT GGCTTCTTTG
315851 CTCTTGTGAT GACCCAGCCA GATCACAAGC AGTGTCCCTC AGATATTGTC
315901 AACATTTGCA AACATGTTTA CGGGAATGCT GTTTTGCTGC TGCAGCTCCT
315951 GTAATTGTTT TCAAGCCTTG CTACAGCACT GACTTCCTCC AACCTCCACT
316001 TCCTGCCTTT AACTCATAAC TTACAGATTC CAATTTGGTC CTATCCTCAC
316051 TGCTTACTAT AAGATCTTGC TTTTCTTTG GTATCCTAAT ACCCTAGGAA
316101 ATGTCACAGG ATTCTTAGTC TTTTCATGGCA TTACCGATCG GATCTGCTCC
316151 TTTAAAGAAC CTCATATCTA GCTTCAAGTT TACTAGGTCA GTGGACTCCC
316201 TGGTGATCTT TTGTTATCAC TGACACCAGG CCTGCGCTGG CTACAGTGGC
316251 CCATTTGTCA CCCACTAATC AGGGTAGCCA CTTGGCTAAA ACTGAGTTCA
316301 CATTGAATGA TAATCTTTCC CGGTCTAGCT GCTATCTACA TCATTCTTTG
316351 ACAATATTCT GAGTTGTTCT ACCAGCTCAT AGGCAACGTC ATATACCTTC
316401 CTACATATGT AGGAGTAGGA GTAGGAGAGA CTCATGTCCT TGCAGGATCC
316451 CTCTATGAAA ATTTTCTTCC TAAAAAGAAA AGGCAGCTAT GTTAGTCATT
316501 ATCTCTGTTT ATCCCACCAC ATTTTCTTCT TCTCTCTGAT TCAGGAGTAA
316551 AAGTCGTGTT TCTCTGCAAA TCCAGGGTTA TGTGGTTGGA GAAAATTCTC
316601 ACACGTATTT TAAGGCTTCA AATTTAATGT CGGGCTTGTA AGTACTCTGA
316651 CATTTAGAAG ATACACAGAT ACCAATTCAC ACATCCTTAT TTTGTGTGAT
316701 AATAGCTGAT TGTAGGCTTA ATTCAGATCA TAATTTTCA GGCCAAAAGA
316751 TGGCTATATT TCTCTCTCTG TACTGGACAC TGTGGCCCTA AGCCCAGACA
316801 TCTTCCTTAG GGCTGAGACA GCCCAGCTGC TGGAAATACC AGCTGTTCCA
316851 GGTACACTGC TGCCCCCTCC TGGAAATTGT AGTTTAAGGC AGGAAACTAC
316901 CTTATCCAGC ATTATGGCCT TTGCCGTGGT GTGGCTATAA CCAGTGACTC
316951 TTAGATACAG GGATGCAAG GCCAGGTACC CTGGCTTCAA TTTGGCAGAA
317001 TTCTGAAGGG GCTATCCCTG CATTTGAGCT CCAGGAGGAC TGGCCGATGC
317051 TTCAGCTCCA TTTGAAAATC AGTTTAACTT CTTCTTCTTA ATCCTGTCTT
317101 TTTAATAGCC ATAACCCATG AGAGTACTCC CTCAATAAGC CTTTTCACAA
317151 TCTACTTTCA GGAATCCAAT CTAAGATACC CTCCCACCAC CCCAACCTTT
317201 TGTGAGGGGA CAGATCTCTG CTTATGACCT TTACAACAAA CCTTACTTTA
317251 CTCCCCATAC AGATCCTCTC CTATTTTCATC ATGGTGTCTA ATTTGCTTGA
317301 CTACTTGAAC TTAAGTTTCC CTCTACTTTT CAGTCCATAA TTCAACCTAG
317351 CAGAACCAAG CAGGAATAAA ACTGCTTCTA ATTATATTTA ATTGGGTTTT
317401 TGCAGTAAAA ATATGACATA ATCAAGGTTT TAAGAATTTA TAGAAATGAT
317451 GAAAAATTGA GTGAAGGAGA TGATTGGAAA TTTGCAGTTG TATTGTGAGA
317501 AAAATCAATG ATTGAAAGTA GATGGATAAT TTTGCAGAGA TTTTTTGTTT
317551 TTCCACAAGA AAATGATTGT TTCTAATATC CCTATATGTA GTCTTAAGTT
317601 AGAAGAATTG GTTGAAGTCA AAAGTGGGTG TCATAGTTTT CTTCCAAACT
317651 GTAATAGATG AGAATCAATT CACACAGGAA AGAAGTAGGG AGAGAGAGAG
317701 AGAGAGAGAA AGAGGGAGAG AATATAGTAG CAGCAGATGG ATGAGGTCTT
317751 CTCAAAGTGG AAAAGTTTAG TAAAGCCAAT TTTTGAAGCC CCATTACCAT
317801 AGGAAATAGG TTATAAATGT AGTTGTTATC ATTGTAATTT TATGAGAAAT
317851 GTGACTAGCA CATATATGTA AGCAAATAAA TTGAAACTA AAAGGGAATA
317901 TCAAGAATCA ACTAATCTTA GGGGATCTTA GGGGAGGTCA ATGTTGAAGG
317951 GCTTTGGTGG GAGAAGGGTG AGTTAGTTAT TCAACTTCTG AAATCATAAG
318001 CAAAATFTGT TGTATGCATT TATCTATATT TATTTCAAAG AGAAATCAGG
318051 ATTTTCATTA GATTCTCATG TAGATATTTA TGACCCAAGA AAACACCAAA
318101 CCTTGGGTAA AACTAAAATT AATCACGGAA ACTGCTGTTT TGTGCTAACC

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318151 TGACGTGAAT TTTCTGCATG AATTTGGCAA AATATTTAAC ATTTTTCAT
318201 GTATAGATTA AAGTGATAAT TATAGACTTT TCACAGAGAA AGATGATGGG
318251 ACTATCTATG TTTTCTTGGT TAAGAACCAA AAAGTTGTTA GTTACATATG
318301 CCAGGATTGA TGAAGATGCA GCCTCTAAAT TTATATTCAG CATCTTCACA
318351 AAAATGACAT GTCCTGAGAA AGACATTATA GTAGTAGTTA ATTATAACTA
318401 CTATAATTAT ATTATGCAT ATTAACAACAT ATATGCCTTC TTAGATGAAA
318451 AAGATGTGTT TAAACAAATT TATAATCATG TAAGCAGTTT ACCAGTACTT
318501 GTAATTCCTT CTGGAAATGT GTAAAAGTAT GTGCAAACT TTATTCTGTT
318551 TCTCTTATTT CACATTTATT GAGCATTATA GTAAATAGGT TAAATAGTAT
318601 CTATTTTAAAT TATTCAAGTT AGAAATCAAA TATAATAAAA TCTGAAGACT
318651 TAACTTACAA GGATGATTTT CAGTGTTAAG ATCCATAACA GGATTACACT
318701 CATCTATGTT TTATATTTCA TGCCTGAAAG TGCTAACATT GAGCAAAAT
318751 CTCAATGTGC ATTCTTTCCG GATGAAGTGC AGTTAGACAA CTAAATCTGT
318801 AAGTCAATAT AACATGGTCC TATTAACCTA GTGATGCAGA AAAGACCATC
318851 TGTACCACAC TGGATATGAC TAAACTATAG GAATAAATA AATGCCTATG
318901 TGGTAATTAA TTTAAGAAAG CCAGTGAATT GTTTTTTAA GGAGGAGTGT
318951 AAAGTAAATG ATGAAAAATT AATAAAGTA GTCAATTGACT TTCAATGCAT
319001 CGTAATAAGC TTGCAGAATT GATTTGTAAA CTGCTTTAAA ACTCAATTC
319051 ATGTGCATTA AAGACTAATC AAATGACTTC GATGCAGTTC ACTGATTTTC
319101 AACTTGGCAA TTACTTGAGC ATATAAAAGT TATTAGTAGA GATATGTAAG
319151 AATGCTTGCA AAACAGTTGT CACGATGCAC TGTACTTAA TCTTATTTGC
319201 GCAGATTGGT TACTCTTATC TTTGTCTTAT TAATCCAGAG TTTAATGTTG
319251 AATGTACTCG TGGTTTGTCT GCACATTGTC ATGTCTTTTA CCATAGAGAG
319301 AAGTAGTAGA ATGATGGTTA CCAGAGGATA GGAAGGGTAG CAGGGTACGG
319351 GGTGGGGGAT AAAGTGGGGA TAGGTAATAG GCACCAAAAT GTAGTTAGAT
319401 ACAAGGAATT AGATCTTTGT TTTGGTAGCA CTTTAGAGCA ACAATAGTTA
319451 ACAATAATTT AACAAATATT TCAAAATAAC TAAAAGAGTA GAATTGGAAT
319501 GTTCTTGACA CAAAAATGA TAAATGCTTG AGATGATGCA TATCCCAATT
319551 ACACTGATTT GATCATTACA CAATGTATTC TTGCATCAAA ATATCACATG
319601 CACTTCATAA ATATGTACAA CTCTATATCC ATAATAATTA ATAATAAAAA
319651 TGTTTAGTTC TATTGCAATG ATTTGTGTCA CTATTAAGTCTAG CAGACCACA
319701 AATGAAAGCT TATAATAATA AAGTGGCCTT CTTAAATCT CAAATTTTCT
319751 GTAACAGGTG TTTTACATAA ATTTTCATCA TGAGTTAAAT CAAGTAGAGA
319801 GGACGTGGTA TAGAGTTTCC CATTTCATG GAATCTATTGA GTTCTACTCA
319851 ATCAACATTT TTTGTTAAAT ATCAGTCAGT ACAATTCCAG GAGGTTAAGA
319901 TTCTCTAATT ATTATGGCCA AAGCAATTAA ATATTCTAGT TTTCTTACAG
319951 TCAAAATTGA GCACATTCTG AGTTCAGTTT AGAATCTGTT TGTGAAAATT
320001 CATTTACCAT GCCAAGTCAT TCAGTCAGAG CTGGGACTCA ATGCTAAGTA
320051 AGCAAAATAG CCTGGGGCCC TGCCCTTCTG AGGCCTATGG GCCAGTCATG
320101 GAAAAAATGT TAAACAGAAA ATCAACAAGT GCATAATTAT TAACTGTGGT
320151 GAAAGCTATG AAAGGGGTGG TAACCTGTTC AGAAGGAAGG AAAAGCTTAC
320201 CCATGAAATC ACTTTGGTGC TAAAATCTAA AGGATGAGCT CAGTAGGTGA
320251 AGTAAAAGG ATCAAACAGA AAGAAGCCAT GAATCTGAAA GAAGCACAGA
320301 CCTCAAGGGG AATTAAATTT CCATATGACT GGATTCTAGA GAGCAAAGAA
320351 CAGAGATGAA GCTGCAGGAT GGAGAGAGTT TTGTCTTCCA TCCCCAAGA
320401 GAAAGTTATT GGTAGCAGGG GAGCACAGGG GAAGGGTGGG ATTGTGCAAT
320451 AGTTTACATA ATCATATATT AATTTTCTT TCTTTAGAGA TAGGGTCTCT
320501 CTCTGTCACT TAGGCTGGAG TGCAGTGGCT CAATCATAGC TAACTGTAGC
320551 CTCAAACCTA TAGGCTCAAT CTATCCTCCC ACTGCAGCCT CCCGACTGGC
320601 TCGGACTACA GGCATATGCC ACCATACCTA GTTTTTTTTG TTGTGTGTGT
320651 TTTTTTATAG AGATGGGGGT TCTTGCTATG TTGCCAGAT TCATCTCAA
320701 TGCTTGACCT CAAGAGATCA TTATGCCTTT TCTTCACGAA GTGCTGGCAT
320751 TACAGGCATA AGCCACTGTG CCCATCTTCT GAATTTTTTT AAAGATAAAA
320801 ATTATTATTT TTAAGGGTGG ACAATAATGG TACAAATGTG AAGACTGATA
320851 GCATTTTCTT GCAAGAAATT ATGTGAACCA GTATAGTAGC GTGGAAATAT
320901 GTAGGAACAG TGAAGATGAG AGAAATGAAA ACAGATATTC AGGAGGTGAA
320951 ATCAATACAA TTAAGGGATT GATATTAATG GAATATTGGG GATGAGTGGA
321001 AGAGAGAGAA CAGTATCTAG AATGGTCCTC AAGTCTCAGG CTTATATGAC
321051 TGGATGGATT GTGATGCCAT TCACTAAAAA AAAAAAAAAA AAAAAAAAAAAG
321101 CCTGGGCTTG GAGGGTCAGA TTATGAAACT GGACTTGTTA TAAGATTGTA
321151 AGGTGTCTTT CAACTGGAGA TGTGATGAA TCTATTAGAT ATACAATACA
321201 GGTTTGGAAC ACAGAGGAGA GGTCTGGGCT GGAGATAAAT ATTTAGGAGT
321251 CATTGGAGTG AAGACAGAAT TAAATATGTG CATGTAGAAA AAAACCATCC

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321301 ACTGGGAGAG TATACTCAAA ATGGAGAAAT GTTCATGAGT TTTGAGAGTG
321351 TTCTTCCATG TTTTAGAAGC ATCTTCAGTG CATTGAGGAA AAGTTCATAA
321401 TAAATATATT AAAGATAATG GTGTCTATGA CATTTAATAA ATATAAGAAG
321451 GTAGTTAATA TTGCAGCCCA AAGATTTAAG TTGACTGACC ATAAGGTCAG
321501 TGTGTAATTG TAAAGCCATG GATAATGTGG ACCTAGACTA CTGTGGGAAC
321551 AATAAAAAATG ACAATCTTTG CATTTTCTTG TAAATCATAC TTAGAGAAGC
321601 TTTGGGTTAC AGATTATTGT TTGGATACTT TCTCCTATGT TTTTATGTTT
321651 TTTGAGGAGT GGAAGTTTTA CTGTATTAGT TTTTATTAGT TATAAACAAA
321701 TTCATGCTTG ACATAAAAAA AGATACATAA AGAAGAATGC ATACATTATA
321751 TCTCCCTTCT TCCAAACCCA CCCACTGAGC TAGTCAACAT TAAAAGTTTG
321801 AAGCTTTTTAT GCAACATATA TGAACAAATA TAAGCTTTTG TTTTTTTGAT
321851 GAAAATTATG TGAACACATG GAGTTTAAAC TTGCTTTTTT TACTTAACGT
321901 TATATTGAG CAACCTTTTA AAGAATATCA TAGGATTTCA AATAATAAAA
321951 ATGCCATAAT TATTTCAGTA ATTCTCCTTC TAATGGATAA TCCAATTTTT
322001 TCTAGTTTTT ATGCCTTTGC AATATCCCAT ATGTGGATTA CTGAGTCAAA
322051 ATAAATGTAT ATGTTTTTTC ACTTTAATAG ATATTGTCCA AAGACTTTCC
322101 AAAGAGTTTG CAGCAATCTG CAATCCCACC GCCAAAATGT CAGAATGCTC
322151 CCCAGCATTC TTTGCCAGCA CTAGATGTTA TGCTTTCTTT CATTTACTGC
322201 AAAATTGAAG ACTAGAAAAA TTATATCCTC TTGTATTACT TTGCAGTTTT
322251 TACTACTAGT GAGTTTATAT ACCTAACAAAT TAAAGTTTAA TATTTTAAATG
322301 TTATATTTAT TATTAAATAT TTTAATTTTT AACATCTGCT CTTTAAAGTT
322351 TGTATTTACT TGTCTTCTG TGCATCAGCC ACTCTGAGAT ATACATAACA
322401 TTATATGCCA TACTATCCAA TTTTGGAGCA AAAAAAAAAA AAAACAGAAA
322451 ACAGGAAAAA GAAATCTTTA CCAGTACAGT ACATCGCTCT TTAACCACAA
322501 AAGTCTTTAA GAATTCAGGA TGAATGATA AACCTCTCAT ACACAGTTGA
322551 CCCCACTTTT CCCACCCAAA CTCGACTCAC AATATTATTC AATACAAATA
322601 TTCTAAATAT GCAAGGTCTA TTCTTTACCT CACCTCACTT CCTTCCTGCC
322651 TGTTCACAAC CATTAGCTCC CCATCACCCA TACATGTATG TAGGCTATAC
322701 TCACTCCTGT GTCTATCCCT GGACTTATGA TGCCTTAGAT CATATATTCT
322751 TAAAACCTG TTCATCCTTC AATTTCCCTA GAAAAGTGGA TGTATAGTGG
322801 ATGAATGTTT TTATTTTAT TAAACTAAAA GTCTCATGTC ATCAAAATAC
322851 TTTTATGTCA CTGATGTGGA TCTAATCATC AGAAATATGA TAAAATTATG
322901 TACTGTTTTT TTGCTATTTA TATCATACTT CACATTGGTC TCAGAGAAGT
322951 TTTCTACAAT ATCCTCTATT CCAACTATAA CCATTGATT CAAATATATT
323001 TTACATGGTG TTTAAATATG AGTCAACAAT GTTTGTTTTT GTTACAGGAT
323051 ATATCATTTG CCTTATAATA ATGCTCTCTC CTGTCTCCAT TTATAGGGAA
323101 ATTTTTTGGG TTCAAATTCC CTGGTCTGAG AGTTCCTACT TACAGAAAGC
323151 AGTCTTACC ACAAGAAGAC CCCGATGTGG TGGTCATCGA TTCATCTAAA
323201 CACAGTGATG ATTCAGTAGC CATGAAGCAT TTTAAGTCTC CTACAAAAGA
323251 AAGCTGCAGC CCCTCTGAAG CAGATGACAC AAAAGCTTTG ATACAGCCCA
323301 GCAAATGTTT TCCCTTGGTG AATATATCCG GACCTCTTGA CCATTCTCTC
323351 CCCAAAAGGC AATGGGACCG ACTCTACCTT GACATGCTGC AGTCAAGTTC
323401 CCAGCTGTCC CATTCCAGAT CAAGGGAAAG CTTATGTAGT ATACGGAGAG
323451 CATCTCGGT CCATGATATA GAAGGATTCT GCGTCCACCC CAAGAACATA
323501 TTTAGAGACC GACATGCCAG CGAAGGTATG TTTGATTTTT TTTTAAATGG
323551 AAACATATAT TAATGGGTAA TAAATGATTA TTTGCATATT GTTTGAAATT
323601 TCAACAATAA TCTCTGTGCA TTGGGGAAAG AAATGTGATT AAAGGCTATT
323651 AAAAACCTGA GTCCTACACT CAGAGTTGTT ACTGATTTC TCTTTGAACC
323701 CTTGTGAGTA ATTTAGTGTC TTCTGGCTTC TTTATCTGTA TTTCTGAAAT
323751 AGTATGATAA CCATTATCTG CCTACCACAT GGAGTGTTAA TTAATTAATG
323801 CTTATTATAA CATGTGCTTA GGTAATGAAC ACTATCATCT CAAGCATAGT
323851 TAATTTTGCT GCATTTAGCA AATGATCATG CCCTGGGAAG AAAGAATTG
323901 TGCCATCAGA GGGCTAGTTC ATTGACCGAC TCTTTCCAAA GGGAGCAGCA
323951 TAGGAACTGT GATGTAAGTA GTGATCAGAA AGCTGTAAGC TGACAGGGGT
324001 GCAAGGTAGG TAGGATGAAG GGGAAAAATT TAAAGGGAAA AAAATCCTGA
324051 AAGTCTGAT CTCAACAAA ATCGACTTGA AAAGCAAATC AGAATTATT
324101 CTCCCTGGCC TCTTTGAACA TTATGTTTAC ATTCTTACAT TAGCCAGTAG
324151 TGAAATTAAG GATCCTTAAA AAAAGCAGTG GCAGAACTA TTTATCATGA
324201 ACATGGTAAT TGATAACATC GGTTAAGTAC TTAAGTGTG TGAGGCAATG
324251 TAAGTGCTTG ATACACATTG TCTCATTTTA CTCTCATAAG AAACCCAAAT
324301 TAGGAATCAT TTCTAAGCCC TATTTAGTAA GTGAGGAAAC AGAGGCTTAA
324351 CTATGTTAAA TAAATAACAT AAATAACTAG ACTAAGGTTA CAGAGCTAGT
324401 CAGTGTGAGA GCGCGCTTC AACTCAGGA CTGCCTGTCT CCATAGTCTA

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324451 CAATCAAATC CATGCAATCT TTTTCCTCCC TCACTCCTGC TCCTCCATGA
324501 AACCTTGCCA TAGGAGGAGT CTGTTGAAAC TCTTGACTTT CCCCAGGGAG
324551 TCCAAGAATC AAAGTTCCTG GCATGGGTAC ATCAGACCCG CTTTCCAGAT
324601 TCCCATAGAT TTGGTTCTTG AGAGACCTGC TGTCCAGGCT ACTGCTAGTT
324651 TTGTCTTTAA AACATTAATT CTTAATGTGA GGTGTTAGGC ACTTTGTCAG
324701 CTGATCACAC TTATTTTCT AGCCTCATTT CTAGCCCCAG CAAGACTCCC
324751 CTCCTATTAT CATACTCTAT TCTACATCTG CACAGATATA ATTTGCCTTT
324801 TCCCCAAAAT GTAACACGTG TTTTCTTGCT TCATTACTTT GTTATTCCTG
324851 GAATACTCTT CCCTGCTTTG TCTCTCCTTA CACTACCACT CAGCAGCAGG
324901 GACCCATTTT CCCCTTCCCA AACCAGAAGA ATTAAATCAT TTCACACTCG
324951 AGTGTGCAAA CCAATATTTA CATATAGTGT AGCATGGATT GCATTTTATA
325001 TTTATTGTGT ATTATATGTC TGTCAATCTT GTCAGATATG TAAGCAAGCA
325051 ATTATGTTGC TGTGAGCGCC TCCAGCATAG GCACCTGGC ATAGTGAGCT
325101 CTGCACCTTA AGTTTCTAGC ACAATTGTCT ACTTCATGGC AGATACGCGA
325151 TAAATATTGG TGTAACATTG AGAAGACCAT GTGATGTTGA GGGGACTGTG
325201 CTGCGAGTT CTGTTTCAAA ATCATGCAGA TCAGAAAATA ATGAGTTATC
325251 TGCTCCATCA TACTCTGAAG TTAAACGAAG TCTTAGGAGT AAATCATATA
325301 GAGGATCTTT ATCTAAAGGA CACCATGAAG TAGAGAAGGC AGAAGAGGTG
325351 AAAGGAAGAG TTGGCAGGAA GAAGTTCAAA GAAAGATAAA TCAATAGCTC
325401 AGAAAAAGAT ACAAGAGCAA TTAGCACATC TATTTTAATC TGTGGGCCAA
325451 AGAAGGTCAA AAGGAAAAAA GAAAATACAA GGCCAATTCC CAAATTGGAT
325501 AATCATCTAA GGCCATATCC CATTTAGTAA TGGCAGGCTC AATATTTCTT
325551 GACAGAATGA AACCGCTAGA ATTTGATCTT TGATCAGTGA GTCCTGTGGC
325601 TAAACAGCAA CAATAAATTC AATATGGTAA TTCAAATGAC CAGCATATGT
325651 TTTAGTGAGT TTAGTTAGTG TAGTCACTTT TAGCAATCAT ACTGACTTTT
325701 CAGAAATTGC CTTTCAGAGA TTCCCCTAGA GAGATCCCTG ACTTATAACA
325751 GTAGTATAGT AAAATTCAAA AAACAACAAA TTTGAAAATC AAACGTATAC
325801 ATAATCAGTG CATTTTACTG ACTTAGCCTG TGTTTGGACA GTGGTGCTGA
325851 GTAGTTTAGA TTAGATTCTT TGATTTAACT TCATTGTTTT TAATTTATAT
325901 GATATCCATT TAGTGCACAG TTAGTGATAC AATTATGAGA AAGAATGATT
325951 TAATATTTTT GGATTTCTCA GTACGGGTGC TATACATAAA CATTTGGTGC
326001 TAAGATCATC CTCGATTTTT CCCCCTCACC CAAAGTAAGC TGTATAAAA
326051 AAAAATTACT TTCTTACAGA TTATGCTAGA GTCAACATGT GACTATAGAT
326101 TGATAAATTC AGAGGGTATT TTCTACTTCA TCTTTAAAGA AATTTTAGCT
326151 ACAAATCAC TGATTAGCAA AAAAGAACT ACATTCCTTA AGACTTTATA
326201 ATTTGGTATA TTTTAGAAAT AGAGCCATTG ATAAGGAAAG ATGGAAAAC
326251 TTTAGAAGTG ATTTTAGTTT TATGAATTCA TGTAACGTAT TAACAGGTGA
326301 AATCATGCAC AAGATTTCTG AGTTGGGTTG TTGTCTCCTC ATTTGAAATA
326351 ATAAAAATGT TCTCCTGTAC AGGCTATCTT CACAGAACTT TAAATATTTT
326401 GCAGATATAT TAATGAATAA TATTTTACCT TATCCTCTCA TTTAATCCAC
326451 ATTTATCAAGA ACCTTAGAAC CATACTTTTC AAACCATCTT TGATGAAGAA
326501 CCAGAATTTT GTTTTCTAAT TCATCACTGA CCAATACATT TGTGAAGCCA
326551 ATAAAAATGT ACTACTGGAA AAATAAAATG TAAAAAATAG ACATAAAATA
326601 TAAACCCCAA TTGTTTTATT ATTAGATTAA TCAGACATGA AATTACTCTG
326651 CCAAATGCT ACAAAAGATT CTAAATATTT ACTCCAATTT CTGTAATGCT
326701 ATTTGTCATG AAGAATAACA AGCAGATCTC AGCTAAGACC AGTGCACAAG
326751 CCACACTCTG CCTTGGAAGG TCAAAGCTGT AATAACTATA TAATGTAATG
326801 TTTTGTAGT TTTCTTGGA TTGGTAAATC TTTACATATA ATTTTLAGGT
326851 TTGATAAGTA CAGTTATAAT TTATAACTAC TTGCAAGCAG TTGTTACTTT
326901 ACTAATGGTT TTTGGACCCA GCTTCTGACA GACACATTCA TTCTGAGTAA
326951 TCAAGATCTC TTCCACTATC TCTATTTGTT TCTTGTAATT CTCTCAAAGA
327001 GGAAAGGGAG TTGTCATCTA AGGCCACAGT TTTATTTGTA TATCTTTGTC
327051 CAATGCAATG TCTACGAGCA ATTCAATATA TCACATTAT AGAATTATTT
327101 CAGTTGTAAG CTTTGAAATT ATTATGATAT ATCCCAAGAT TTTAAATGGG
327151 CACAGTGTTA GCATAGATAT CAACAAAATG CTGAACAGAT TTTTCAAATC
327201 TTGGATATAT TTGAATGGTT TTGATATGAC AGTGACGTTT ATTTTAAGCA
327251 AGTGTGTTTC ATAGCTAGTA ATGCATATTT TGTTAGTGGC AAGTATGCAA
327301 CATTTAGATA GCTGATCTCA AAGTAAATCT GAAAATATTT AACTTAGATT
327351 TTAAAGAGC CCATTTTATT ACAAATAAAA TTTTCAATA TTCTAGTAAT
327401 TACACTGAAT TCATTGTGAC AACATTAACA AAAATGTTTA CATTTTAA
327451 AACAATCTAA TCTTTCATTT ACTTCTTGCA ATTATTTTTG CCTAAGAATG
327501 ACTCTTTGAG TTATATTTGC TATTTTAAA ATATATATTG AAGTACATTT
327551 GGAGGAGGGC AGTTAATAAA ATTTGTGATTA ATAATGTAAG TTGGAGCTAG

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327601 GCAGAGTGGG GCCAGGCAGA CTGGTGTGGT TGTAAGTCCCA GCTACTAAGG
327651 AGGCTCAGGC ACGAGGATTC TTGAGCCTAG AAGTTCAAGT CCATCCAGAG
327701 AGATATAGCC AGACCTTGTC CTGAAAGGAA GAAAGGAAGG AAGGAAGGAA
327751 AGAAGGAAGG AAGGAAGGAA GGAAGGAAGG AAGGAAGGAG GGAGGGAAGG
327801 AGAGAAGGAA GGAAGGAAGG AAGGAAGGAA AGAAGGAGGG AAGGAAGGAA
327851 AGAAGGAAGG AGGGAAGGAG AGAAGGAAGG AAGGAAGGAA GGAAGGAAAG
327901 AAGGAGGGA GGAAGGAAGG AAGGAAGGAA GGAAGGAAAG AAGGAAGGAG
327951 GGAAGGAGGG AAGGAAGGAG GGAAGGAGGG AAGGAGGGAA GGAAGGAGGG
328001 AAAGAGGGAA GGGAGAAAGG GAGGAAGGCA GGAGGGAAGG AGGGAAGGGA
328051 GGAAGGGAAG GAAGGAGGGA GGGAGGGAGG GAAAGAAGGG AGGGAGGGAG
328101 GGAGGAAGGG AAGGAAGTGT TATCTTAGAA ACATTTTCCT TATTAACATA
328151 CTAGGTAAAT TTATATGCAA AAAACACTT AACATGCAAA ATGTGGAGTC
328201 TTCCTTTGAG TATATTCTAA GTGATAGTTG AGGAGACACT AAAATTGGCT
328251 GTTGACAAGG TTGAAAGTTT TGTCACAACT GCAGCAGCTG GGAAGTCTA
328301 TTTCCAAACT GTCATAATTA TAAATCTGT ACTTTGGAAT CCATTTAAAT
328351 TGAGATAAAT GCTTCACATA TTTAAATAAG AATGTATATT ATGACAGATA
328401 CTATTTTGTAG TATATGCATG TTACTTGGTG GAATAGTACA AAATGTTAAT
328451 TTCAATTAAA GAGAAATTTT CCATCATATT CTGATTTCTC TGATTGTTTT
328501 TATACAGGTA ATTCAGTGTA TATAATATAA TTTTAGTCTT CTTTTTATAT
328551 TTCTCTTTTT TTATCCTTAT GTGCTCAAAA CAGACAATGG TCGCAATGTC
328601 AAAGGTAATG TACAACTCA AATTCACCA TCTGATGTTT AACCTGCCCC
328651 TTTACTCGGC ATGTTAACTT GCCTGCTGTA TGCCCTGTTC AGTGCAACAT
328701 CTTATGCTG CCCTTAGCTA TTTGGGGTGC CTGGTGGAGA CATCATGGCT
328751 TGATTTTGCT ACAGACATTG TTATTTCTCT GCTGTGTTAC CAAAATGATC
328801 ATGAGCTCCT TTTGCCTGCA AGAATTATAA GCCTAGGTTG ACAATGAATA
328851 CTTCTTAAAT ATTTAAATCA CTTGGAAAAA CACAAATATC AAGCTAAATA
328901 TATTCTGATG TGACAGAGGC ACAAAGCCT ATTTACAGGA AACAAAAAAT
328951 TTGAGTGCAA GATTAAATAA AATAAGCAAA GTGCTACATG ACAGCATCAC
329001 TTCACTTGTT CCTCTTTTGT TTCCTCAAAA CTAGTTTCAC GTTCCTGGAT
329051 GGCAGGGGGT ATGGTTTTCA GCTTACTGTA GTAGTAAACT ATATATGCAT
329101 GACAGTTGTT TTCTATTTTT CTCTATTATA TTTTAATCAT TTTAATTTTG
329151 TTCTCTATTA GTCTGAAATC ACTGGCATGA CCTACAATA CCATAGGGTT
329201 ATATTTAACT GGAATACTC TGGATAAATT TGGATTGGGC TGAAAATTTG
329251 GAATTTCAAT CTGTTTTCTA CTATATCATA GTAGATACAA GGATCACAAA
329301 ATATGATAAC CATATTATTA TCATCAAATT GAAAACCATT GGGATTGGT
329351 CTTTCAACAT AGGCCATGCA TGCTGCTGTG GGTGTGCAAA TGGTGATTGT
329401 GACTTATTTT GTGCATGTGT GTTGCATGAA CACGTCTCCA CCAGTAACCG
329451 TCATTACTTA GAATTCACGT TTTTGACCAC TCTCTCCTAT ATGTCACTGG
329501 TACACTGACC ACTGTGCAAT TTTGTATATT GATTTCTCAA TTGCTTCCCT
329551 AAAATAATTC AGAGCTGGTG ATGGTTATGA ATTAATAGCG CTAGGGAGCA
329601 AAAATGTTTT CTGACGAACC TAGGGAAATT TGAAATCAG GGAATATATG
329651 GCAGTATCCC CCCAAACCCA CCCCAATTTT ATTTTGTAGG CACTTTAAAA
329701 GGGTCTATGC AGGTTGACCC CAATAGTGGG ATGGGATTTT ACCTACATCA
329751 TTGTCTTTTT TTTTTTTTTT TTTTTTGACC TGCTCACTGT GATTTCTAAA
329801 AGGGAGCAAA TTAGTGTCAA CTGTGTGTGG TGGTTTGCAT TGACATAATT
329851 CAGAAATGTA CCTCAAGAAG CAGGATACAG ATAGTTCTTG CCAACTAGCT
329901 TTAGGATTTA ACAATTAGCA GTAAATTAGT AGGCATTAAT TAATTTTCTA
329951 GTGATTTTTA AATGTAGTGA TAAATGAACC TAATTTTCTT CAACAAATAG
330001 AAAATTGGAC TTGTTTAACT TTCAAACCTAC TAGTTCACAT ATATGTCAAA
330051 GTACAGCTAT TTTATTTTAG TGTCAATAAA CAATTCATTT ACTCTCCAAC
330101 CTTTTTTTCT CACTCTCTC ATTTTAAATA GGAGTAGTCT TTGAACACGG
330151 ATATTCTTTA TTTATTACAT AGATTTTCTA TTGCTCATCA ATTTTACGAT
330201 CACAATTTAA AGTATATGGT AGAATCATCA AAGTCAGAAT TTGGCATTAC
330251 AAATCTCTAA ACCATTGCAC AAAGTTTTCA CATATTAATA CTTAAGAAGT
330301 TATATCCCCA AATTGGAGAA AACATTTGCA AACTTAATTA AATTTAATGT
330351 AAATTTTCAA TCCAAAGTCT TCATTACGTT TTTCAAGCTC TGGTTTTGAA
330401 AACTATTAAC AATGTTAAG TGTCTGCCTC TAAGATTTTT CACAAAGCCA
330451 TTAACATTGC TAATTAGGTA CAAGAACCCC CAAGTGTGCA TTTTAAATTC
330501 TTTTGACTTT GCTTCTATAC CAGATCTAAA TAAAAAATA AAAAATGCAG
330551 GTTTCTACAC TGCTTTGTGT ACAAATGCA TAATTATAAT TAATTATTTT
330601 AATATTCAAC CAAAAACAT TTTTGGTTG AATTTAATTC TAATTATTTA
330651 ATTCTGAATT AAATAAATAA CGTAGGAATG TGTTGGTAAT GTCTTCAATA
330701 TCATCTGATT TATTCATGTC AGGTGAGGTA TTGGCTAAAT ACCTTGACAA

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330751 GGTGGTACAT TTATCTCCAG AGGATGCCAT TCTTTAACTT TCTCGGAAG
330801 TCCGTGTTAG TGCCTGTTAC ACAAAGAGCT AACCTAAATC CTTCTTCTG
330851 ATATGTATTC TTTTCCCCTT CATCTGTCTC TACTGGACAG AGATACTAGC
330901 TGACTACTGC TAATCATGAT GCAATATCAC AGTAAAAAGA CAGCAAATTG
330951 GTACTCTTTT TTCTAAAAC TAAATCCACT TAATCTTCTT TCTTAGGATC
331001 TATTTCTGTT CCCTTTAATA AATTTCTTTA GCATTATGAC TCCTTAAAGCT
331051 AACATTTCAA AGTTCTTTGT TAAAAATGTA AACCATTGTG AAAGAGTGGA
331101 AAAGTTATTT CAAATAAATT GCACATCCTG CATATACATA TGTATGTATT
331151 ATAATTTTTT AACAACCTCT CTAATATGTG AGAGGGGTAC CTAATCCTAC
331201 CTCCATCACT CATATATTAA TTTTACCTC CAACTTGGTG GCTTTTCTAT
331251 TTTGCTTTAC AAGTCATCAG TAAAAATCTA CCTCACTTTC TCTACTTCGT
331301 AAATAAGTCA TAATACAATT TTGCCCTTTT AATGCTCCCA CCTCCTTGCT
331351 ATCTCAAGTA ACCCTGCTTC CCTCTGACAT TGGTGTGTTT CATTTCCAAT
331401 TAGTCTATGA ATCTGTCTA TGATCTGAA GTAAAACTAC TTTCAAGGTT
331451 TGTTACAGCT TTTATCTCCT CTCTAGCCTA TATGACTCAT AAACAAAATA
331501 AATGAATCTA ATACAACCTG TTTCTCATAG GCTGCATTGG CCATTACCCA
331551 GTATCTTGTC ATCTGATAAG GATTTGCAAA TTGATTTTCA ATGATAACAG
331601 TTTACTCCTG CAAATAATAT GTCATGCACT GAAACAGACA ATATGAAGAA
331651 AAATAATTTG ATGATTACTT CTTATGCATT TTTCTAAGTG CTAAACTGGT
331701 TGCCTTATAC TTATTGATAG TGTCTTTTAA CAAAGTTTAA TTATTAAACA
331751 CTGCATTTGC ATCTTCTTTC ATGTTAAGTC ACTTGAGGAA TTTGGGTTTT
331801 ATTAACTTTT AGCTAAATAA ACTCAGTGCC CTAAGATATA TTGTACAAAT
331851 ACCTGATGAT TTAATAACAA CCTTTGTCTG TTTGGTTTCC TTCTTTCCTA
331901 TCACATTTGG CCTCCAAA TGATTTTTTA AAGTAGCATT ATTTTTTTAA
331951 TCTATCAGAT GCCCTTAGCT ATATTCCAG CACCATCTAA AAGAAAAACA
332001 TATTCTCCTT TAGCATCTCA TAACTCATGA TAAATTTAAA TAGCCTCATC
332051 GTATAAATTT TAAATATCTT TAAATTTCTT CCCAGTTGTT GCTTTAGCCT
332101 CTAGCTTCAT GTCTAAATGT AGGTATTTCT TTGTAGTTGG AAATTGGCCT
332151 ACTTTATGTT TAATCAGACC CTTGAAATAT ATTAAGCAC TCTCCAGCTG
332201 TTGGTTTAGT CTACTTGGTT ACCTGTTTTC CACCTTCTCC TAATATATTG
332251 AAAAATGTAA CCTGGTCATC CATCTTGCAA ATGCTTCTCT GAAGAATC
332301 AAGTCCACCT CTATGCTTCT GCGTTTTACA TGAATTTCTA CTGAATCTCT
332351 TATTTCCCTC TATTTCTGCC CATTCAATTC CTTTAAATTT ATTTACTTTG
332401 TTTTTCAGGT TATTCTCCTT TCTTTCATTA GAATCCTAAA TCCCATCTGT
332451 TCATGATCAC TCTCAGTGAG GCTGCCTTTC ACCTTTAAAT CCTCAACCAA
332501 GGCTCTCTG AATATAGACT TAGGAGGTAG GAAACCCTGC ATTCTGGTCC
332551 TTTATTTCTT TTCTTTTCTG GCCTCATATT CTGTCCACTT AGGTTTACAA
332601 TCGGTGAAAT AAGGATATTG TTAATACCTA CCTTAGTTAA AATGTTGAAA
332651 TTTTTCAT TTGCATTTAG ATGGGCTTAG AGGAATCTAA GCCAACAATG
332701 ATCATCTTGA AGACTCTAGA AGTCTTCTGC ATTTAAACAT CTGCTTTAAA
332751 ATCCGTAGAA AGAAGCATAA TTATCTTTTT TATACAGCAG GAAATAAATT
332801 TTAATGCCT TATCTAAGTA GCTTGACAA GTTATTTTAA GTAATATTTT
332851 AAGTTTGTCT GAATTAATTA AAATATAGAT TAAAAGAAAA TGTGGATTAA
332901 CTATTTAAGA CTAAGAGCCA AAAAAAAAAA CCCAGAATAG AATAAGAGTT
332951 TAGAAGGTTT TTCTACCTGC AAATAAGAGA AGCTAAAATA GTGAATGCAA
333001 TGAAGTTGCA AATTCTGAGG CCAAATTTGA GTATGACATT TTATCAACCA
333051 GTTCTCAAT CATATCAGAT CCAATGTCTC CTTGTCTCAT ATTTTGTAT
333101 ACTCATTTTC CTATCCTGAA ATGGAACCTCA GAGATAATTT AACCTATTTT
333151 TAAAATATCA ACATGATTCC CTAAGTAA TATACAGGAG AAATAAAGAA
333201 AAAACAGTTT ACAATAAAAT ATTTATTTCA ATATGTTAGT GTTCAAATAT
333251 AACTTCACTA GAAACATAA CACAATAATC AGACATATGA AGAAACTTGT
333301 GTTTTAAAAA CGTTAAGTAC ATGAGAAAGT ATTCCATACA GGTACCAGAT
333351 AAAATGGTAC AGCAGGAGTA TAAGTGGGCA GCATAATCAA AACTACCATT
333401 GAAGTCAAGA ATTATATCAG ACTTATTTAT ACATGAATTT TAAAAATGGG
333451 AAGTAACTAA AATTTAATTA TGATTAATAT ACCAATATAA ACTGAAGAGA
333501 AAATAAGGAA GTATGGTATT CTTATAAATG AGCTAGTTCT TGCTTTTAAAT
333551 AGTAGTGCA AAATGATACC TTCTGTGATA TAATGCAATA GTAGTGAATT
333601 GCACAGAAGA AAGAAATCCC ACTAGATGTC AGGACATGTA TTCATCCTCT
333651 AATACATTAG AAAAGATCCT GCAAACATGC TTTGTTATGT AATGAGAAAT
333701 TGAAGATGGA ATGGAAAATG AAATGGCAAT TGAGACATTA TAGAGAAGTT
333751 GTGGCAGATC TCCAGGGAGT TTTGAGAATG AGACTGAAAA CCAACAGCCA
333801 ACCCAAAGAC AAATAATAAT TACAAGTGT TCATTTTTTA GAGATAGGTT
333851 CCTTTTCATA GTATGATATC ATTTTACATA CATAGGAAGA TATTTATATA

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333901 AAATATTTTT GAAGGAACCTT TTATTAGTGT GATTTTGGTA ATTCTTTGAA
333951 AATTTAATAA TATTTGGTTC CAACACTGGT AAAGAAGACT CAAATCTCTT
334001 AGCTTACATA TTTGCAAATA ACAGCTCCAA ACACAGATTG TAAACTAAAC
334051 TCTGAAATAT TCTATTGGCT ACTCAAATGC CATGAGGAGT GTAGCTCTAA
334101 GTGACATAAT CTTCCAAAAT GATGAACAAT TTCTGATAAA GTTCTGAATA
334151 AAACAATATA TATTTCTTACC TCTACATGGA AATTGTAGCT CTGGAAATTT
334201 CAATTTATAT TAAAATCATG TAAAAAGCAC ATTGTGGTGT TTATATGTGA
334251 AACAGTTAGT TTTAAAGCTC AGTTCATGAA TAAACAGGCT TTTCACCTGC
334301 ATGAATGGCC TCGAGGCATG TAAGGCAATT CTTTAAGGCA GGCGAATTGT
334351 GACATTGAAA TTCTTTCATA ATTGTGACAA CAAAAAATGC CCCCACAAAT
334401 CTCCCCTAGA ATGAAATACT ACCATAGTTG AAATCACATG CTTATATAAG
334451 TGTAGCCAAT TCAGAGGAGT TTATTGGCAC TGGTCACAAG GGCAATTAAA
334501 GTGGATTAAAC AGTGTCTTTC TGTCTATTAA CATTGTAGAA TCGGTGATGA
334551 CATCGATTGAT CCGTGAATTT AGCCAAATTT TAAATAACTC TGTGGACAAT
334601 TTGCTACAGA AATGCAGCAT AGAGAAGGAT GATAAAAAAA GAGAGTGGAA
334651 AGATGAGCTT AAGGGCTTTT GAATACAATT TAACTATATA TTTGATCTCT
334701 GTTATCTATA ATCTCTTAAT AGTATCCCTG TTAGTTAAAT AACCTAAGGA
334751 TTGAAAATAG GACATTAGAG TTGGGGAAAA GACAATATCT AAGAAATCTG
334801 AAATCCTAGC ATAATTTACA AACTGTAAAT ATTAAGATAT AAAACCTAGA
334851 ACTCAACTAT AGAATGCTGC AGAAAGGGAA ACACTATCCT GGTATGCATT
334901 ACAATAAAAT AAATTAGTGA TGTGGGCTGG AGACTTCCAA AAAGACCTGA
334951 AGAACGGAGT TTCTGTCAGA GAACTATCTG AAGGCTAGAT GAGTTTGTG
335001 CCACTATTGG CTCTTATTTC TATCTTTGTA TAAATAGTAA AGAGAGTTAG
335051 GTTCTATATG CAAATGAGAA CATATGAGGC AATAAATTCC TGGAGAGCTC
335101 GTGACATTTT TCTTCTAGAT GGACTTGGTC ATCGTCATGG ATAAGACTCA
335151 GGGAGTCAAC AGAAATGCAA CTCAGAAAC ACAGTATTTG TTAAATACAT
335201 GAAAATTTAT TAAGATTACT TCAAACTTTT ATAATAAACA AGTGTAACCT
335251 TTTATGAACA AGTATAGTGT GATTTTCCCC CATAGTGACT ATGAACAAAA
335301 TGATGAGCAT TGATTTCTTA GTATTATATC TGACCCAGGT TGATTGATTA
335351 TTGTCCAAAA TGCAAAATCT TAAAGTCTAA TTTTAAAGTG TTTATACCTT
335401 GCTTGATGCT TAAAGTACAT TTTGATCCCG AAAATGGGTT CACGTCATTT
335451 TGAACAGGGA AAAAAATAAC AAAGGCAACT ATGCTGCCTA ACAAGTTTAT
335501 TGATGGAATT TGTATGTTTT AACCCTTCC TGGGGCACAA AAATAGGGAG
335551 CTCACGATTT TTATAAAAT CTCCCTGTTG TTAATTTTTA AGAGCTAAAT
335601 AACAGTGTAC GTAATATTGC TCATTACACG AGATACTTCT CAGAGAATTT
335651 CCTGATTCTC CATAAGCAAC AGACAACAGA TTCATCCCAA AGGAAGATAC
335701 AGCTGGTCAG TCTACTCCCT CAACAAAGAA ACCAGGAGTC TTGCCACCTT
335751 GCCAAGTTAT CTTTGTAGGA AAGATTTTGA GAAGCGACTA GGTACTATCA
335801 ACCCCAGGCA TGCCCTATTA CCTAGCTGTG GTCACTTGTA TTGTAAGTTA
335851 TGTTTGCCAG AGCATTAGTC TTTTGCGGTT TTTAATAGCG CCTTTTTTTT
335901 TTCTCAGAAA GTGGTCAGA CTTAAACATA AGTGAAAGAA AAAAAAGGAT
335951 CTAAAAATCC CACATATGAT CCAAGAGTTT TCAATAGAGT ACACACATTC
336001 ACACAAAAAT GGCCTTTCAC CCTCTGCAGC TTTATCTGTA ATTCCTTCAT
336051 CTGGGTTTAA CTCTTTCAGA AGCTCTGTGG AGTATCTCAT ATAGGTAGTG
336101 GAAACATATG AAGAGCCTAG ATGGCTTGTC ACTCCTCAGT GACACAGACA
336151 GGGGAGTAAC ACAAAATTGA GCAGGGTAAA CAATCCATTT GGAAATTTCA
336201 TGGCCAATAT GACTTTAACC ATAGGTAAGT CCTTCTTAAA TAATCCTCAA
336251 ATTACAAAAT GAAATTTATA AGAACTTTA AAGGTAGAAT TTGACCAGTA
336301 ACAGAGAGTG TAGTTTTTTC TTTTATTCTA GCTTTTAAATG AAAGAACTA
336351 ATTAACAGCT AAATCTGCCA TTTGCTCTCT GGGTACACAC TTAGAACCCA
336401 GTCTTATTCT CAGATACTCA CATGCCATTC CATGTGGCCC AAGGTGACCC
336451 TAAGCCCTGT GTCCAGGTAT AAGCTGGCTG CATTCACTCA CACTCAAATC
336501 AGGATCATAT TGGTCAGGAA TCATTAGCAG GGCATTGAGA ACTGTCTCTT
336551 TCTTCTATAT CTTCTTATAT TACTCTTACA AATACTTTCC ATTTTTTTAG
336601 GGCCTTTTAA TCATATCAAG TCAAGCCTCC TGGGATCCAC ATCAGATTCA
336651 AACCTCAACA AATACAGCAC CATTAAACAAG ATTCCACAGC TCACTCTGAA
336701 TTTTTCAGAG GTCAAAACTG AGAAAAAGAA TTCATCACCT CCTTCTTCAG
336751 ATAAAACCAT TATTGCACCC AAGGTAAAG ATCGAACACA CAATGTGACT
336801 GAGAAAGTGA CCCAGGTAG ACACAATTTT CTTATCAATT TCAACTGTTT
336851 TAGAGGTTTG TTTCTGCACC ATGAAACATA TTCTTTTTCT TATAAATGAC
336901 TGTCGGTAGA GGTAAGACAT TTTTCTTTG TACTCCTATT TATCTTGAGA
336951 TGTTGGGTAA CTCTCTAATA TAACAGATTA ATAAAGCTGT ATACTATGAT
337001 TTTATATATT ACAAGACTAA GCAAAAATGG GCTAACATGG CATGTTTGCT

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337051 CCCACTTTCG TAGAGGTGGT TAACCTGCTA TTCGTCGTGT TTGGACACTT
337101 AGTGTTTGGC TGCCAACCTCT CACATTATTA AAACATGGTT TTTTAATATA
337151 ATGGATGTGT CTATTGAAGC TTTAGGGGAC TAATTAGCAT TTGCTCTGAA
337201 CTGTGGTATC CTTTGGGACT TACTCTACTA AATAGAGTCA GATCTAAGTC
337251 AGTTAACTTG GGGAAAAGAG CTGTCTGAGA TGATGAAAAG TCAGTGGAAC
337301 ACCACATTTT ATTGGAACAA TATCTAATTG TTTTCAAATA AATACTGCAA
337351 CTTGAAGTAG GATGAAAAGC TAGCAGGTAT ACTGCTTCAG AGAGTAGATA
337401 AAAATGATTT CTACTTATTA TATCAATATA CCAACCTAAG CAGTACGTAG
337451 CTTTGTCTTA CAGTGCACCT ACATTGTTGG GAATTCATGA CTTTAAAATT
337501 TGTCAAGCAA GCGGTTCTTT TACAAACAAT TTACTCGGTA TATTTGCTTA
337551 GCAAATCTTT GCATAAACTC TCTATAATAT AAAGCCAAGC TTGCCCCCAT
337601 TCTTTATCCC AAGCATTGAA GTTTTTGAAT TAATGAAGTT TTTCTGTAAT
337651 TGTAATCACT ACAAACCACA CTATAGTACT GTTTCAGAT AACCTCTTAT
337701 GTGTGAGCTG AAATAGCTAT GAAAAGACCA TGAGCAAGTT ATAAATAAAC
337751 CTGTGCAGTC TATATTTATT TGAGATGAGA AATTATACAC GCCATTCTTG
337801 AGAGCATTTT TTCTATATAT TTTAATATTT ATGTAGTGAA GAGGCTTTCT
337851 TTTCTTGCCA TTTCACTTTT CTTAACTTAT ATTTAGTAAA ATGGGTAAAT
337901 GAACATTTTA CTGTTACGCA CATTTTATTG ACATCATTTT GATAGCTTTG
337951 TGTTTTCTCT TCAATTGTTT TTACTTTAAA AGTATTATTA TTTATAGATT
338001 CCTACCATTATATGAATATA TAGGAATCAA GAGACTTAAG AGGAGACAGA
338051 AGAAAAGTTG GAAATATTAG GATCAGGGCC CTGCAAGTGC ATAAGGGGAA
338101 AAAATTTAAA GAGAAGCACA GCATGGCAAT GGGGACTGTG GCGAACTGTG
338151 GAGTGCAGGC CCCATCTAAA GCAGACAGCT GATATGCAGC TCTGTCTAAC
338201 TGCGGTAGG CAGAAATGCT TGACCAATTA ATGAATGCTT GCAAATCTTT
338251 CCATTTTAAA AGAGAAGCTG GAAATGCAGA ATTTAAGATA ACCTCTTTAT
338301 TTCTTAAAGT TGACAAATGA AAAAATGCCT TGAACCTTTT TTTAGGCTGA
338351 ACAAAACACA TCTTAAGGCC TGTGTGCAGC CATGTGGGAT CTCAGCAAGT
338401 CTTTCATGTG CTTGGTCCAC CACAGAGGCC ACCCTATGCT GCCGTGTTCA
338451 GCAGATCCAC TGTGCCAGGA GAACATGATA CACACAGAGA TCTGAGAAGC
338501 ACCTGTCTCTG GGGGCTTTCT CAGATAGTGG GACAGGAAGC ATATATATAA
338551 ATATCAATAA TGAATGCAT GGTAAATAAG AATATTAGGG AGAAAGTTAT
338601 TCTACTATAA GGAAGAATTT TGCAGGGAAG AAAAAGACAG GATTAAACAT
338651 TTAAGCCAGA TCTAGAAGGT CACATCAAAC TGCGTAGTCA GTAAATTTTA
338701 AGAGCATATA TCAGAGTCAA ACGGGATTGT GTTTTATTTT AGGCATTTAT
338751 TGTAGGCCAT GAATGCAAGT GGCATTTATT GTGTGACATT AAGGCAAATT
338801 TCAGGACTGG GAAACCTTAC TTCTCAGAGT TGATATAAGA ATTAATAGTA
338851 AATGTGGAAG GTGTCCATCC TAGTACTACG TACCATAACA AGCAATGTCA
338901 TGTCATTATT ATGTTTATTA ATATTCTTCT ATGATCCCCC AACTCTCTTC
338951 ATTATCTCTG CAGGATCTCT TTATCCCTAC ATCAGGAGGG CCTTAGTAGA
339001 ACACCTGGCA GAATGGAGTT CATCAAATGT TTGCTGAATA AATGAGTGCA
339051 TAAATGGATG GAAGAGTTAG CCAAGGGAAG GGATAAGAAT TCCAGGTAGA
339101 AAAAAACACA AGAACAAAGT TATGAAAGCA GTAAAGTCCA TATGACTTTT
339151 TAGAACAGT GGTTTTCTGA GCTGGCGAGA GGCTAGTCTG GAAAATTTAC
339201 CTTCAAATAA AACTTTTCT ACCTTTTCAC ATAAGTGCCA TGGGGGTTTG
339251 AGTAAAGTC AACAGTTTCC ATCAAAGCT TTGCATTTT TTTGGTCTCA
339301 CACTTTATCT TTAAGAGCCC TGTGACTTTC AAATTTAGCT TTGTAATATA
339351 GAAATATTTG TTTTAACATT TAAAAATCTT TAAAAATATT ATTATAGACC
339401 TAATGTTTGT GTACCCACCA AAATTTATGT GTTGAACAT AATCACCAGC
339451 ATGATGGCAT TTGGAGGTGG GACCTTTCAG AATAGGTCAT GAGTGTGGAG
339501 ATCTCATAAA TGGGATTAGT GTCCTTGTA AAGAGGCCCC AGAGAGCTCT
339551 TTGGCCCCCT TCTGCACTGT GAGGTTACAA TGAAAAGATG GAGCTTATTT
339601 ATGAACAAGG AAGCAAGCCC TCATCAGGCA TTAAATAGGC TGGCAACTTG
339651 ATCTTGGACT TCACAGCCGC CATAACTGTG GACAATACAT TTCTCTTGTT
339701 TGTAAGCTAC CCAGTTGATG AGTATTTTAT TTTAGCAGCC CAAATGGACT
339751 AAGATGACTA CTTACCACTG AGTGAATCTG AGGCCACAG AAAGACCCCA
339801 GAGTTTTCTT AAAGCTTCTT ATGCTTCCCA CAAATTGTGG AGTATCCCCC
339851 TCCCACCTCT CAAAGTACCC CAACTGGAGA GGTATGATAC AGGCAAAAGC
339901 CTTTTTCAAA CTGCTGGAAG ATCAGAATTT GATCATATTT TATAAAAGTT
339951 CTCTCTTTTT TTACAGTGTA AAAAAATACAA TGAATGGGAG GAAATCTGCG
340001 AGTCAGGTGA AACACTTAAG TTGCTATGGT CCTTGCTAGA AATAATAAGG
340051 GACTGAATAA AGGCTGAGAC CAGAACTGG GAAAAAGGC ATCAGTAGGA
340101 ATGCTTTATC TTCTTTGTAG GGGCCCCCTT TAGCTCTTAG TGACAAACCT
340151 TCCAATTGTC CACATGTCAA ACCAAACAAT GTAGAGATCA AATATCAAGA

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340201 ACTTCCTCCT GCAGGCATAG CCTCTGGAAA TTTTATTTAA GCACTTGAAA
340251 GCAGAGCTCT TCAATAACTC ATTTATAGGA TTACATACTT CATTTTGTAT
340301 TTGTGAAGTT TCCTAATTGC AGCTATCTTT GAAATTTCCA TATTCACCTAC
340351 TTTTAAACATT AGTTGTCTCTC TGGTCACCAA AAACAACCTA GTAATAACCA
340401 AAAGACTTTA CTGTCTTTT TATTTTCTTT AGGCCTGCAT GGAGATTCTC
340451 TTTGTCAGGA AATTTTCAAC ATGTTTGCTG TAGGCAGCCA GCAGTATTTT
340501 CTTAATCCAA TGTCTTTCT TATTTTATTC ACGTAATAGA TTTGTATGAT
340551 ATTTCTTTCT TCAAAAAGAAG TCAAGATTTT GCTTATAGAT TATTCAACAA
340601 TAAATTTTAA ACACTCTACA GTGCACAAAC AATAGAGTAG TCATCAAGAG
340651 AAAAAGGCAT TGATGAAAAG AATAATCGCT GCTCCTGTTG TTCTGTCTCA
340701 CCACTTGGAT CTTATCTCTA TTACACGTTA AATTAGAATT AGGCAATTAG
340751 TTATTTACCT CCTCAGTTAG AGTCATCTTC TTCAACACAG GGAATATGTG
340801 GTCATTCATT CATTCATTCG TTGGTCATTC ATGTATTTGT TTATTCATTC
340851 AAAAGCATGT ATTGACATGT ATTATATATA ATATATAATA TATACATTAT
340901 ATACTATATA CTATATATTA CATGTTATGT GTATATATAA TATACATATT
340951 ATGTGTGTAT ATATAATATA CATGTTATAT ATTATATGTG CTGAATATAA
341001 TACATACATA CATAGTATGT GTATATGTAA CATACATATT ATATATTATA
341051 TTGTATATAA CATGTAATGT ATATAATATA TGTATTGTAT ATAACATATA
341101 AATGTATATC AATATGTATA TTATATATAA TGTATAATAT ATATCCATAT
341151 ATAATGTATA AACACACACA GTGCTAGGTG CTGGGAATTC AGAATTAAAA
341201 GGCAAGATCTC TGCCCTTTGAG TCTCGAAGGA AGTAGAGAAG TACAGTACAT
341251 TGACTTTACA GTGCAATGTA AAGTATTTTT CTATGGGTAA ACACTGTGTG
341301 TGCAGATGGT GCTGAGAGAG GAAACCTTAG CTACATTGGG AGTTTGGGAT
341351 AGTGTTTGGG GAATATAAAC CCTTAAGTGC GTTTTGAAGG TGAGAAGTTT
341401 CCAAAATAAG GAATAAAAAT CTGGAGTGAA ACACATGTGG GAATCTCTAG
341451 GTACCAAGA ATGAATGCAG CATGAGGTGT TTGTATGACC AGTGCCTGGT
341501 ATGATTATAT GACACATAGT AGCATCTTAA ATGATTCAAA TGAACCACTG
341551 AGGGTATTGC GTGGGATTAA GCAAGAGTAA GTCTGCAGTC AAAAATCTCC
341601 AAAGCAAATG CCTTCCTTCT GAAATCTTTT GTTAGGCAAG ACTTCAATTC
341651 TTGCTGTAT TTTGGATCCA TAGTCCTCTT TTGGCCTTAT TGGTCTTCTG
341701 GAATGCATCA TGTCATATTT CATTTTGCCA TATTTTCATCT CACCTTCTTT
341751 ATTTATTTGG AGAAAAGAGA AAATAATTCT CAGAAGATGT GTGTGTTTTT
341801 TTTCCCTGCAC TACAGTCCAG CCAGTAAAGG CTGATGTGCA GTAGTGTA
341851 TCTCAGGGAG GCAAGCCCTT GGCTGGCCAT TTCTACCAA TTCCAATGGA
341901 GTGGTGGAGA GTAAACAATG AATTGTAAGA AAATTGGGC GGAGAACAAA
341951 GGTAAGGTCT CCTTTTACCA AGCAGTTGCA CTTCTCAATT GAAGATCAAA
342001 TTATGGCTAT ATTTGCCCCC TTTAAATAAA AGTGAACCAC ACTTTTGAC
342051 TATTCTAAGA TTTTGTATT CCTGAGGCTA GTTTAGTTCA AATATTGTGC
342101 CAATTTTGTAG GATGAAACAT ATTATTTTGT TGCCATATTC AGCTTTGACA
342151 AGTTTGTAT TAGACCACTC TCCCTGGATA AGTATGAGTA TCCGAATAGT
342201 TAAAGAAGAT GGTGCCGTGG ATTTCAAATC TTTATTGGCC ATTGTATCAG
342251 TCAATACTGT AACAGAATGC AAGTAACAGA AATCCAATC AAACCACTTT
342301 AAGCAAAAA ATGAAAGGAA GAGGGGAAGT TTATTGGGCC ATATTACTGA
342351 AAGGTACAGA GAAAGATCTG CTTTGGGGTG AGCTATATAC ATTTTGTGT
342401 AACTCTGAC ATTCTCTCCC TTGCTTCTGT GTTGACTGCA CTCCCCACCT
342451 AATAGCAGCA AGTTCCTCAG ACTCTCCTGT CTCACCTAAT GCTCACAGTT
342501 AGTAATTTGG GGAGAAGGAC CTTCTTTCTT CCAGTGTCCA TATTATTCCC
342551 AGAAAAAGAA GACTCTTATT GACCATCTTG GGCCATGTGA TCATCTTGTG
342601 GAGGAAAAAG TATAGTCCCT TGACTGACAG TCACACCAGA AAAATGCAGA
342651 GGGAGAAGCA AGCCTGTAAA GCAGGAGAAT CAAACAGCAG TGGCCCATTG
342701 CAGAGATGAA ATAGGAATT CAAATTAACA GCATTAACCA CACACACGTG
342751 CACACCCCA CCTCCCCC CACACACAGA GAGTCCACAT TGGGCAGTGG
342801 GTAGATTCTA GAAACACAGA AATATAAAAC CTAGTATAGA TACTCAAGAC
342851 ATTATAAATT ACTTGAGAA ACACTACCAT ACCAGTATAT AGCATTTACA
342901 CATGCTAATT ATTAATTTAA ATTAAATTA ATTAATTTAA ATTAATTTAA
342951 ATTAATGCT ACAAGGCCAT ATTATGAAAG TAACAATAGT TTACATTTCC
343001 TTTAACTTA GTATTGTCTG TACTATGACC AAATAGTTCT ATAAGTTGGC
343051 CTTTATTATA TAAGAGGAAT GTCTGGTGAA TTCAGTGGA ACCCATTTTG
343101 AGATAATCAG GAAATAAGAT GTGTGAAGGG ACCTTAATGA GCCAGAAGGT
343151 ATTAATCTGT GGAACAGAAG ATGAGAAAA ATTTACTACT AGTCCACAAG
343201 TATAATTTTC CTGTAGCTTT ACTAAGGAAA GTACTCAAGA AAATTAGTTC
343251 AGATTTAATC ACAAATAAC TTAGTCCACA AGAAAGAAAT TTCTGAATAT
343301 TAAAAAGCC ATATAATCTT TAAGTCTATG TAGACTTTAG AGCCATAATA

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343351 GATTCCCAAC ATTTAGGATT CATGTAAGTA TATTATTGGC ATGAAAATAG
 343401 AATTATGGTA ACTTTCATGA TTTCTGACAT TGATTGAGCA TTTAATATGT
 343451 GCCAGGCTCA GTGGTAAATG GTTTAGTGGG TTCTCAATTT TAATCTGTAT
 343501 GACAGCACTG TGAGATTGTG CCGTTATTAT CCATATGCAT TTCATAGAGA
 343551 AGAAATTAAAG CTTAGAGAGT GGAGGCAACT TGCTTAGGTC TTATAGTAAA
 343601 TGATGGACGT AGCCTTCAAA CTGAGGTAAT TTGATTCCAA AAGTGAAGTT
 343651 CTCATTCTCT AAAATATATC CTCTTTATGA TTCTGTTCTG TTTCCCCATT
 343701 TGTCCCCATA ATCTCCTCAG GAGTTACTGT GGCAGTTGGA CATACTTGTA
 343751 ACATTTGACT GTGACACCAA ATGTCCTAAT CTGAGTGGTT AGTTAACTCT
 343801 TCAAAAAGCC TACAAAAGCTA TCATTGCCAT GGAGGTTTCA TTCCAGCAGC
 343851 GTCTCTTGT TAAATTTATA TACCATCTAC TTTATGCTGA TTTCAGATTA
 343901 GAATAGTGGG ATGGGGGTTT TTGTTGGTCG TATGCTGCAC AGTTACAGAA
 343951 AAAGCAAAAC CACCCTGATA TTAGTACTT AAAGAAGAAC TGAAAGATTA
 344001 TGGCCTTTTA CTATATTGA ACTTTGTTCA TTATGAACAG GTTCATTATC
 344051 TCTTCATTGT GACTCAGTGT TTCTCAATTT ATGCTTATTT TTGACATAAA
 344101 TCCAAAACAA GTATTTATGA TTTAGTACTT CTTTAGGAAT GCAGGCTGAT
 344151 TTGTAATGAA GAAATTTTAA TGAGGAAATA ACATTGACTT TTTCTTCTTA
 344201 GCTAATGTTT AAAATTATTT GTCATCTCAG GCTTAAGAGT ACAAAGTTTC
 344251 TCCCATCCAA GACTAACCA GGACCAACTC TGTTCGATT CTGAGATCAG
 344301 ATGAGATCAC ATGTACTCAG GGTGGTATGG CCGTAGATAT TAGTACAAAA
 344351 TATCTTAACA TGTCTGTAG TTTCCTTCAA ATTGGATAAA TTTAGTCCTG
 344401 AATTTCTTCA ATGACATGAT TTGAAAAGTC TTTCACTATA CAACAACAAA
 344451 CAAAAGTGG TTTTATATAT AGCAGTACTT TTCAATAATA ATTTTCATGGT
 344501 TTTAAATTA TACTTAAGGC AAATTTTCAA CAATTATTTG TATAAAGACT
 344551 CATTGATTCT TCACTCTTGA AATTACTAAA AACAAAATTC ACAATACTGA
 344601 TGCAGGATTT TTTGCTCCTT AGCTCAGCTA GGTCTGGGTT CTGTCTCAT
 344651 GACCAGGAAA AAGTAGGCAC ATGGATACTC AAAGAATGAG TGGAGTAGAA
 344701 TTTTTTAAGT GAAAGGAAAG CTCTCAGCAA AGAGAGAGGG GCTCTGAAAG
 344751 CGGGTTCCCA GTTTCCCCC TTCTCAGTTG AATACAAAGG CTTCTATATA
 344801 TCTAAGCTGA TGGGCTGGG TTCCATATTT GTATAAGGCA TGAATTCCAG
 344851 GTGGCTCCCC TCCATCCCC CAGTGCGCAT GCGGGCCCTT AGTCCACTGC
 344901 AGGCATGCTT AAGAGAAGCT TGTAAGTTCT CTTATCTGCA CAAAACATCT
 344951 GGTGTCAGCA CTTGTGGGG TTCTCTGGGG ACCTTTCCTT
 345001 ACTGTCTGCC TAAAGAAAGC TAACTCCTTT CATTCCTTTC TTCAGGAGTG
 345051 GAGACCCCA ACGGCTGTTG GGGAAAGTAG ACAATCACC TTCTAACTG
 345101 CTTCTGCTG ACAGGGAGTT CTGTTTTGGG AAAGTGGCAG TTAGGGCTCC
 345151 TCCTGAGGTC TGTTAAGGG TCCATGGAAG AATGGCAGAT CCATGCATGG
 345201 TTTCAATTGC ATCGCCATTT GAAGTTTAAAT GGCTTTTCTG CAAGAAGAAG
 345251 CAATTTGGGT TATCAGAAGC TGTAATCAA AATGAATCAA GGGAGTAAGG
 345301 ACAGCTCCAC AATCCCAAGA TTGCTGACAT GCCCAGATAA CTGGTGGCTA
 345351 TAGTTATCCC TGCTAAGATT TGGATGCATG GGGCTTAGCT TTGGTTGACT
 345401 CCCTTGGTCT TATTTTCCCA AACAAAAAAA CCTCCAGGAT TTGCAGGATA
 345451 ATTGCCCAGA ATTAATAATAT TGATCCAGAT TTTTACATTA TCCATCCCTT
 345501 TTGTTTCTTC TGAGCTGCAG CTGGGTATCA CTGGTTTGT CACAGGAATA
 345551 AGCAGGATTA GTCTAAAATG TTGGCAAAAG CTTGAAAACA ACTGATGAGA
 345601 TTAGAATGGA ATCACAAGTG TATGTTAAGT TTTGAAACAA TTTTCTCTC
 345651 TCCAGTCTC ATTTTGTGCA AAAACAAATC ATGATAGGAC TGAGTTCTTT
 345701 GTAAAATAAA CTTAAGTCTT AACTTGGCT TGATTATCTG CATAAAGTAC
 345751 AGCAAGAATA GTTATATTTA ACATAGGCTT TTAATTTGGC TTTAATAGAA
 345801 CTCTGTCTTA CAAGGAATCT CAGATAAGAC CTTTAAAGC CTAGCCCAGC
 345851 CATGGATTG TACTCTGAAA TACCTATGAT TTGGGCAAAAT TCCTCTCTTC
 345901 TTGAGGTCCC CAGAACATAG GGCTCCTGGG CCTGTTAGAA AGTGACATTC
 345951 TTTACTCACC ACAGGTTAGG AACCTGTAC AGGGACTCTT TAGACAAGGT
 346001 ATGAGGCCAA AGTTCCTAAG GAGCTTTAAT TGGTTCTGCA GGTGATGCTT
 346051 GATTCTTTAA AGGGAAGCAC ATCCTTCCAG TCAAAGCCTT GGTAAAACAA
 346101 CCAGTTTCTC CAATTGTGAC CTGTTATAAA AAGATAATGG ATTCTTACTG
 346151 CACTGATGCA AATAAATATA TTGCCGTAAG TTAAGAATAC TCACAAATAG
 346201 TTTACAAATT CTGGAGAAGC CAGGCAGAAA GAAACAAATA TGCTCAAAAT
 346251 TTTGTTTACA GGAGTATAGC TTAGTCAATT ATTAAGGCT CTAATAGTT
 346301 CAAAATAAAT TTCTTGGACT CTGAAAAACA AAACAAGGAT CAACAACATT
 346351 TTAAGTAAAA AGTTAAATGA TTAATTCAGT TTTCTATTAG TTCAGTCCAT
 346401 TCAGTTAACT CTTGTTCTGC TTGATATTCA TGAGCATTTT AGCTCTTTAT
 346451 GAGTCCATA TGCTTCCCTC TATTCCAATG CCACAATCTC CAAAGATATC

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346501 AGAAACTTGT GTTTCAGAGC TCCTGTCCAA GTCCTATATC TGATTATAAA
 346551 CCATTTTTTTG GAAAGGATCA AAGCAAGACA ACAATTGTCT GTGAATGACA
 346601 AAATACCCAG GATAGTTACA GTCAAAAACA TGATTGACAA AGAAATTTGG
 346651 TTATTTCTGT AGTTTACAAT AGGTTAACAT AATAACCTTT ATTATGATTG
 346701 ATAGCATGTA CTCAGACATT AGAATTTTAG ACATCCCATA CAATTTTGGA
 346751 ACATATACAC TTATTGTTCA CTAAAATATA ACCTAAAGAA GATAAACAT
 346801 CACTTTGGAA ATAATAAAA ATGTCAAATA ATCCTGTTTA CCTATCTTTT
 346851 GGATGCTCCA GGGGCCCTCT CTAGCATCTA AAAGTTAGGG GTCAGGAAAG
 346901 ACAACATTGA AACTGAAGTT TGATTTTGTG AAGCCTACCA AAAGAGTAAA
 346951 GGTTCCACAAC ACTTGATATT ATGAAATAGA ATTCCAGATT ACCCTAAGTT
 347001 ATTTAGCCAA AATCATGACT CAAAAATTTT AAGAAAGACC AAAAACCTCT
 347051 TATTATCCTT TACTATTACA TGAAAATCTT GTTCAAGAGA CAGAAAGCCA
 347101 AATTTTACCC TTGCATTAGT CTACTATTAA TATCAACCCC AATTTTAAAA
 347151 TGAAACCTTA AACATAATTC TATCTCATCT TAACCAGTTT GACCTTGCAG
 347201 TGAGATTCTT GTAAACCTTT TATAACCCTT TACAAATCTT TGTAAATAA
 347251 CAGATCAATA CCTTAAGAAA ACCTTGTCGT GCTTTTATTT CAATACTCAG
 347301 TTTATGGAAG AACTATATAG TACCTTTTTG AAGTTGGTCA ATATGTTTAC
 347351 ACACAGAATT TCTTTTGCAA GATTCTTTT TACAAATCTT CCACCATTG
 347401 TTTAAACCTT CAGCTTTATC TTTTCTATTT CAAACTATT CTCTAACCTT
 347451 AAGCAAAAAT TTACATTCTC ATGCCTTCTT ATAACCTTTT ACTAAAAACG
 347501 CATTTTACTT TCCTTACACA GCTTGATAT AAATCTATTT TCAGTAGTCT
 347551 CAATTACATG TTATGATGGC AACTCTTAGC AATTTTAAAT TTTAGTGTAA
 347601 AACCTGGTAA GTTATTTTAA TTATGTACTA GGCACAGATA AGATCTGACT
 347651 CCAGCATAGT TAGTGACGTG GTTAATTCCA TATGTCCCTA GGCCTTACCA
 347701 AATTGTAAAG CAGGCAAGTT GAGCAGTTCT CAAAGGCTAA AGAAGCAGCT
 347751 TATAACCTTA AACATTTTAG CAAACCTAGT ATCTGACCTG CATACTTTAG
 347801 ACCACATATT TATATTTTGA AGACATTTGT ATTTTACCAA TAATCTTTAA
 347851 GACTTTTATT TCTCAAAGAT TAAAGTCACA TGAACATAAA GGCATTATAG
 347901 CTTTTATTTT TCCTTCAAAA AATATTTGAT CTAAGTGCTT ATTTTCTTTT
 347951 AAGCCAATTA ATTAGAGCTC TATTTCTATA TAACCATCAC ACATCTAACA
 348001 CATATATGAT TACACAGACA GAAGAAGATC CAATAGTTGT AAGAATTTTC
 348051 ATTTGCCATC CTCTAATTG AAATTACTGG ACTCAGGGTA TAGCTCTCCA
 348101 AGAAGCAGGG CTAGGAAAC ATGTAGTTTC CCAGGCCAAA AAGCAGGCAT
 348151 ACCTGGAAGA CAAAAACAAA TTTTGAGAGG GACCTATTTG CTTTAAATTC
 348201 CTGGGGTTCC ATGAGGAAAA CAAATATTTT TTTCCCAAAA TGGAGTCTGT
 348251 GGCACCTTCT CTGTTTTTCC CCAGGCATCC CAGGCCATCA GAAGTTATCT
 348301 TAGGGCCTCT GACTTGTGCA TTAAGAGTGG CAAGACAAAA TGGAGAAAAG
 348351 TAATACAGTT GACTGAGAAA AAAACCTTTT CCAAAAAAAA AAAAAAAA
 348401 AAAAAAATAA CCAAGATCCA AGAAGAGAAA AACATAGAGT CCTTTTAGAT
 348451 ATATCTATAG CTTGGAGATC CATTTTAAAT TAAATTGAGT ACACTTTAAG
 348501 GAAATCCTTT TAAATCCTT ATTACCTGAT TTTAGCCATG CAAAGCGGCC
 348551 AATATTTCTG GCTTTTGAGC TTTACCAAAA TTAATCTCAC AGGTGAAGCC
 348601 AATAAGCCTC AACTAAGGTT ATGACTTAAC CTTAGTGTTT AAGGTGTTCA
 348651 ATGTATTTTC AGAGGTGGAA AACAGTTTTT ACAAATCTG GAATCTTTAT
 348701 AGGTAGCTCA GGAAGGGGAA GATTTAAGAA AGGAAGCTAG AAGTTGTTCA
 348751 TGGAGGGGAA GATAATCACC AAATGGTAAA AAGTCACAAA GGTATTAACC
 348801 AGAAAGTACT CATTCCTTAA GCCAGGATTG ATACCATGTG GCCATTAAAA
 348851 TGGCAAAGAC CAAAAGAGAG TACTGCCACG TGGTTACAAG GTCAAGCCCC
 348901 CAAAGACATA AAACAAGATG CAGACTTGCA GCAAAGTTTG TTAAGTACCA
 348951 ATTTGCTAGG CTGGCTTAAA CAGCAGGCTT ATGGGAGACT AGGCCACGT
 349001 TCTAGCCTGA AGTACCCCTC TTTATGACAG AACCATACAG AAAGACACAC
 349051 AAAGTGACAC AGATTGGCTA CAGCTTAAGA CAAGGCACAA ATCCTTTTTT
 349101 CCATTAATCA AAACCTTACA GAGGATATAA GCAGTAATTT TATCATTCAT
 349151 TCAACTGGTT TGCACAGGGA GAGGGAGGCC AGAAGTCTGA CTGGTAAGAA
 349201 CTTTTGCCCT TTTCCGGGCA TGTCAGGCTT CTGGGTTCCT TCCCCCTGAG
 349251 CTCATTAAAG CTAAGCAGTT TAAAGTTTGG GGATCTTAAC TTTTCCCCAT
 349301 TTGAGGATGC ATCTAAGGGA AGTGCTCTGT AGTACAGGAC ACAATTACCC
 349351 ATCCACGAAG AGAAGACAGA GTTCGAGGAA AAAGAAGGCT TTTTTTCCCC
 349401 AAAGGAATCC CAGTGATTCA GGAGGCATTT GAGAGAAGTA CAGACTGAAG
 349451 ATGAATGGCT ACCCATCTAG AAAGAGGGGA AAAAGGCATC CCTAGGTCCT
 349501 TTCTCTTCCT AGCAAATACC TGGGGTACGT GAGGGAGAGA AATAATGGTG
 349551 TCCCATTCTT TCTTCTGTCC TTATATCCCC GAGTCCTGGC AACCTCGGCA
 349601 GGGTGCCACC CATGAATGCC AATGCAACTT TTCACCCATG TTAACAGGGA

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349651 GGCCTAATGG GTGGGAATTA TCCACATTTA CCTACACGCA GACTCCTTCC
349701 TGCTGTTGGT AACTTTTGAG TTCCCTATAC CTTGTCTGTG TCATAGATAC
349751 TAGCATGACC TCTATCTATG AAATGGGAGG GGGCCTAATT GTCAGGAATC
349801 AGTCATGCTA AGGTAAAGCT GTGGAGCTGG GTCCCCCTCA AACAAGGGAG
349851 AGGAAAGGGA GTCCCGTGAA TTGGGGTCTT GGCCTAGTAA AATGCCTCTC
349901 AAAGGAAACA AAAAAACCTC TTGCATAGAA AAGCTGCCCC TATCCGCAGG
349951 GCTGTGTAA CTCTGGCAC TGTGGGAAAA AGAAAAATAA ACAGTTTAAAG
350001 TGCAGGGTGG GGACAATGCC TGGGGGAAAA ACCTCTAGCT CTATGCAAAT
350051 GTGTTTCTCC ACCAGGGAGA GAAACTCTTA ATCTTTGTAC CCTCTTGGCT
350101 CAACCAGAGG AGGAAAGGCT CCACAGGTTT ATGGCAGGAT GGGTCGGAGA
350151 GTGGGAAATG CTGGCCAACA GGCTGCATGA GGGCCTTGGC CCCCAGAGAT
350201 GCCTTGGTAC CCGGAAGCA GCCACAGCTT ATTCTGTCC TCGTGGTCA
350251 CTGAACGCA CATATGTGTG TGGCAGACAC AGCCATGTAC CCCAGCTGGG
350301 AGGGGAGGTT GGAGCAGGGA GTGCATACCT GTGGCCATTG GGTGGAGCTG
350351 AGGGATGCCT CTAAGAACAG ATGGAATCA CATTATCCTG AATTGCATAT
350401 CTGGTGGCTT GGCCAAATGC TCATTCTACA TAGTAATATC TCTGCAGTTT
350451 GCAGCAGCAC CCTTAACATC ATTTAAAAAG AGGTGCCATG ACAGCCCTGA
350501 AAAAGAAAGA AAATGCCATA GAAAAGTCTG GATTGCAAAG AGGCTGACAT
350551 TCCCAAGCCG TGAGAGTGAT GGGCAGGGGT GTTGTGGGG TCCTATCTAG
350601 CATCCTGTCC TCTGTAGCTG CGCCATTAT TCTTAATTGG CTCACAAGAG
350651 GTTTGGTGCT GCATCAGCCT TCAGAAAAAG TCTGAGGACT AGAAGTCTCA
350701 GAAGTGAAAG TGAAAGGTTT TGGGTCTCAT TTACTCAGG TCCAGGCATC
350751 CTGTGCCAGC TCCCAAATG ACACAGGATT TCTTGCTCTT TAGCTCAGCT
350801 AGGTCTGGCT TCTGTCTTA CAACCAGGAA GAAGTAGGCA TCGCGAGGCT
350851 TGAAGAGTGA GTGGAGTAGA ATTTATTAAG TGAAGGAAA GCTCTCAGCA
350901 AAAAGAGAAA CCTTGAAAGT AGGTTCTCTG TTGCCCTCCT TTTCAGTTGA
350951 ATACAAGGGC TTCTATATAT CTAAGCTGAT GGGGCTGGGT TCCCTGTTTG
351001 CATAAGGCAC TAATCCCGG TGGCTCCACC TAATCCCCCT AGTGCACATG
351051 TGGCCCTTA GGCCACTGCG GGCATGTTG GGCAATCTT CTGTGCAAAT
351101 TCCCTTGTCT GCACAAAACA TCTGGTGTA GAACCTGTGG GGCAGGTTGG
351151 TGGTCTCCA GGGACCCCTC CCTTACTGTC TGCCTAAAGC AAGCTGGCTA
351201 ACTTCTTTCC ATACCTCTAG AGTATGATTA ACGTGTCTC CTAAACTTCA
351251 TTTTGGATCT AAACCAACTT ATATATCATA TAAACCTCAA TAAACTATA
351301 TTGAATTCAT CTGAATTGC CAAATAATGG TAATCACAAA ATTCCAGATT
351351 AAATTTGGGA TGTAATGCAG GAGTACAAAA TTGCTTCTGA GCAATTCCAA
351401 TTTAATAGAA CATTAAATTT GCTTCCATTA TCTGTGTGTT ATTTATAGAA
351451 TACCAGCAAG CTGGTTTCAG CAAAACAGAA ATTCCTATCC AATGTTTTTC
351501 CCATATTCTG AGTTTAGTCT GTAAATAATA TTAAATACG CAAATTGAAA
351551 TGACAATATA TCTGGAAGCT ATAAGAATTG TCATTAGGGT AATTATGGAT
351601 TCAATATTG TCATTGTTG CTAAATATAA GTCAAATGTT ATGTACTCTG
351651 GCTGATATAA AAACATGTAA ATAAGATCAT TGTCTTCAAG GGCCTTTGAT
351701 TAAATAGAGA CTTTGAGTTT TGAGATCTTA GATTATGTTT TCTAGTCGTC
351751 TCTGGTCAAA TAAATATATT CTATTATCTA GTCCAAGCTT GTATAGCCCT
351801 CAGCCCGTGA GTCGATGTG GGTGAGGATG ACTTTGAATG TGACCCAGAC
351851 AAATTTGTAA ACTTCTTAG AACATTATGA GATTTTTTTT CATTTTTTTT
351901 TTAGCTCATC GGCTATCATT AGTGTTAGTG TACTTAATGT GTGGCCCAA
351951 ACAATTATTC TTCTCCAGT GTGGCCAGA GAAGCCAAA TATTGGACAT
352001 CCCTGATTCT GGTCAATGAT GAGGAAAAAA TAAAAACATT TTACAAGCTA
352051 TTGACTACTT CAAGCATGTT GTATGCTACG TATATAATAA ATACAAAATA
352101 AGAGTGTGTG TTTCTTGAAA GGAGAAGTGT GGAATTTTAA ATTAAGCAGC
352151 AAATTAGTTT TCTATTTTTA CTAAATGCTA TATGCATATC AATACAATCA
352201 CATAATGACA TATATTCTAA ATTAATATGT TATTTAGTT TAAATACCG
352251 AATTAGCTAG GTAATTAATA AGTGTGAAAA ATCACACTTC TGTGTATTCT
352301 AGATGATGAA GGAATAACAT ATCTATATGA AATCCTGGTA GCCAACTGAC
352351 TAAGCACCGT AGCTTGAAGG GGAAGCATTT ATGTGTAATT CTGTTAAAAA
352401 GCACCTGTTG GGTTTTATAT GTTCGTTATG CCGGGCAAGG TGTGGAGGCC
352451 CTGGCACTGG GAAGTGGTCG ACTCATGGGT TGGTAAAAAG AATTACTGGC
352501 AACAGTATAA GTTTGAAAAG GGAAAGTTTA TTAGAAAGGA AGAACAAGTC
352551 AAAACAGTGC AGTGGGGCAC CTCAGTGAGA GGAAGTGGC CAGATTTTTC
352601 TTTTGGGATA TTTATGGACC TTATGGTGGG AGTGTAGGAT TGTAAATGA
352651 GTTTCAGCAT GGCATTCCAG AGATGTATAG AAAGTTTTGT TACTTATAAG
352701 CTTTATAGAG GGAAAGAGAT CTGGAACAAG ATGCCTGCTT TTGATAATGG
352751 GAAAGTCTAA TTAATTCTAA TTTTCCCGAG ATAAGGAGTT TTGCCTCTGG

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352801 ATGGCCTGAT TGATGGTGGT CTTTGCTACC TTCTAAATTC CTCAGATAAG
352851 GAGTTTGTGT ATCTGAGGCA TGTTCATGA TCACCAAGTG ATTTTGTCTC
352901 TTCTCACATC ACACATTTTA AAGCTAAGGG AAGAAAAAA ATATCATATC
352951 CTTTAAAAGT TCTGTTGGAC AAAAAATCAG GTTGAAAGTA GCTGCTTGAA
353001 GTAAAGAAGT AAAATACAAA TGGTCAGAAG AGGTAAAATT AGGTAAAATT
353051 TAACTTGGCT TGAGTACCTG GTAATAGCCT GGTGCTTTG GCAACTAAGA
353101 CCTTGGAAAG ATTGTTGATA TCTGTTGTCA AGATGGCTCA GGTCTTCTT
353151 CACCAGTTGT TGTCAATCTT GAGATAAAAG TCAGACCCAG GAACAGAAAA
353201 GAAGCACAGG GAGAGAGTTT CTCTGCTCCT TTGCCCTCCT GGCCTGAGGG
353251 TTGGGACAAA CACATAGTTC AAGGTGGGTT GCCTAATGAG AGTGAGCTAA
353301 AGCAGTACAT ATTCCATGTA TCAGAGAGCA AGAATTAGGC AGAGGACATT
353351 TATCAGAGAA AAATTCCGTA GCAGACGTGG CATTTTCACA CATCCAAGCA
353401 GCCTAAGGCC TTGTAAGCTT CATTGACTAC AGCTATTCCC TGAGTTAGGA
353451 AGTGAATTCC AACTTGGGAA CTTATTTAGA AAGAAATCCC ATATAGAAAG
353501 GTAAAATAAC ATAAAAGGTC TCATTGATTA TCTGGGTGTG AGATTGTGGG
353551 TAATACATTT TCCCCCTCTA GCTCTATTTT TCTGTATTTT GCAGATCTCA
353601 TTTATAATGG AAAAATATGC AGTTAGATAA TAAACCTCT AGAACTCAAT
353651 TGTTTTCTAAA GAGTTCATTA AAAAGCATTT CATCTTCACA GGATTTTAAA
353701 ATTCAAAGGA GCCTTAGATA TCATCTTCCT CAGGGTTTCT CAAAATTTCC
353751 TGATCAATGG AATCATCTGG AACACACTCT CCTCTCCCT CCTCCCCACT
353801 CACCCCCCAC CAAAATTAAA TATATCAGTG GAGCCTGAGA ATCTTGAAGT
353851 TTTTAAAAAC TCCATTCCAT TTGTGACCTC TTCTGCCACA TTATTAAGAT
353901 CAGGCAAACT TGGAAAATAT AAATATAGCA CAACCTTTTC ATTCTGTAGT
353951 TGAAGAGGCT CAAAAGATAA TCCAGCAAAG ACTTGTGTTT TATATTTCTT
354001 TAATTGCTAT TGCAAGTTAT GTCTCTTTCT GTAGATTTCT TAATGATTAA
354051 CTAGTTCAGA TGTATGTTTT TGTGATATTT TAATCATAAG ATTTATGTTA
354101 AAAGTGAAGG CATATGAATT CGTATTAAAC CGATCATACT GGAGAAACAA
354151 GCTTACTTTC ATTGGGTAGC TACTGAGACC AGAGGGCAGC TACTGTCATA
354201 TTGAATGATT GTAAAAGTTC TCTAAGAAAG AATCTCCCTT TAAGAGAACT
354251 TACCTAGGCC AGAGTCCTCT AAACCTATCTT CCTTGAGAA TACTTGTCTC
354301 CCAAGGATGT CCCAGAAGAA ATATTTTCTT AGTTCAAACA GTAACCTTC
354351 CAGAAATTA TGTGAAAAAT TAGCATGTTT AAGGTTCTAA AAATTCCTGA
354401 ATTAATAAAG TCTATAAAAC ATTGATTAC CAATATATCT CAAACTTTTT
354451 TCATGACAGA ACCCATTTTT AATTATGTTT GTTTGTTGAT ACTAGACATC
354501 CATTGATATT CTGAGGAATT AATATGGGGG TGATTTTTTA GGATATACAT
354551 TTTCATAGAT AACTGTGGGC TATATGTGCA ACTCAAACAT GAATATGTTA
354601 GAAATTTTAA AACTCTTTAA AAGAAAAGCT TGAGATAGAC ATGGGGTAAT
354651 AGTGACTGGA TTAGGAATAA GTGCGTAATA GGAATATTTT TTCTATTTT
354701 TTCTCCTTGT TTTAATGAAG CTCACATAGG TTTCTTTTTC AACCATGTCC
354751 CAAATATAGA ACTTAGCTTA AAGGAACTAA AGAAATGCCA CATATATTTT
354801 TTTTCTACT TTAAATATAC CTGTTCCAAG TCCACCTGTG TTTTGAAGCC
354851 TATCTTTTAA AAATCATTTA GCTAGAAAGG GAAAAATGTG GGCTGCAGAG
354901 TAATGGAGAA AAGAATTTAA GAACCCAAAT CTCCCTGCTG GGAGGGACTG
354951 TAGTTAAAGC TGATCCCCTA CCACATTTAT AGTCCAAAGA ATTGAAAATG
355001 GAGAGCCTTC CTTTCTGCCC CCTCATCCT AATGAGCTGA GGTGTTGGT
355051 AGCAAGGATG TCACTTTAAT GGCCAGGTA GAGGTGAAGT GGCCATGTT
355101 GTGAGGAGAA CCAGAATATA ACCGTGGTCT TTTTCACACT TTCTTGGCTC
355151 CTCTCTTTTC TCTTGCTCAT CCAGTTCTTT TCTGATGTGG CAGGAAAAAT
355201 ATCGCATAAT GGCTGCAAC CAGATCTACT TCCTGCTTCC TATTGACCCT
355251 TTTTACATTT GAACTGAAGA GTCAAGCTGA CAAATTTCTG TGCCATTATC
355301 AGCAACACAG TCTTAATTTT CAGATCAAGG AAATAAAGTT CAGTGAGATT
355351 GAGTGAGTTG AGTCAAAAGG GAAAAAAGG ATGTAATAGA GAAAAATATT
355401 GCTCTATACT GCTCTTTCCT GGTGACTGG CAGCTGTCAG TTGAGCTGTA
355451 CCATCCTGTT TCGGGGTGAT AAGCTGTCAT TTGTAAATTA TGCCACAGG
355501 TATATCCATT ATTCATGGGT TTTTATTGGA AAATAATGAT TTCAGGCCCT
355551 TAAATTTTCC TACCTGCAGG CACCTGAATT ACTGCTAAAA TTGATTGCTG
355601 TATTAGTTCT CATACTTCT CTCTCCCTCT CTTTTCTTA CTACGTTTCA
355651 AATCTACCAA CTCACTTTGT GTTTTCAATA AAGAAAGACT TCTCTTCCCT
355701 TCCTATATTT CCTTCTATAG AAATGAATGA AGAGTTTCTG ACGTGTAGAG
355751 TTTCTTTTAA TTTTAGCAAC TGGACACTGC AAGTATGAGA GTTCAGTATA
355801 AAGTTACCTG AAGCAAAAGT ATTTTCTAAA TAACAAGTAT TACTTCTTTC
355851 CACTTTACAT AACTTATTAC TTGAAAGCAA TTA AAAACTA AGGCGTAAAC
355901 CTAATGAGTA TTAAAAGAG AAAGATTATT ATCACATTTT TATATTTAGA

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355951 TATCAATAAT GAATTAAAAAT AACCCCTCAG CTTGGACTTC TGATTAGTAA
356001 TTTTAAGATT TTGAATATGT TTCTCATGTA GATTCCCCCA AATTTGTTTG
356051 CATTTTGAAA GCAAACGTGT ATAGATCACT AAGGTAGAGA AGCGAAAAAA
356101 TTAACATGAA GAAAAGTTGA AGGTCTCACC TTTGAGGTAA TTTTGTTCCTA
356151 TTCTGAATCT TTAAACTTTT TTGTTTGCTT ATTTGTGTGT TTGCTTAAAA
356201 TCAGAGAAAA CAACAGAGAC ACAGATTCCCT TAGTTCCCTGT TTTCTTTTCA
356251 TGTGTCTTAA TCTGTTTCGT GTGGCTCTAA AGGAATACCT GAGGCTGGGT
356301 AAATTATTTT AAAAAAATTT ATTCGCTCAT GATTCTGGAT GGCTGGAAAG
356351 TTCAAGATTG GGCATCTGCA TCTGGTGAGG GCCTCAGGCT GCTTCCACTC
356401 GTGATGGAAG GCGAAGAGGA GCCAACATGC ACAGAGATCA CATGGTGAGA
356451 GAGGAAGCAA CAGAGACAAA GGGAGGTGCC AGGATCTTTT TAACAATCAG
356501 CTCTCATGGG AATGAATAGA GCAAGAATTC ACTCATTACC ATGAGGTTGG
356551 CACCAGGCCA TTCATGAGGG ATCTGCCCCC ATGACCCAAA CACCTCCCAT
356601 TAGGCCCCAC CTTCAACACT GGGGATCAAA TTCAAAATG AATTTTAGGG
356651 GGACAAATAT CCAAACGTGA GTACAGTGTA ATGATCTTCT GTACATGTTT
356701 AACTGCCAAA AATGAATTGT TGCACATTGT ATGAATAAGT TAGGATGCAT
356751 CCTGACTTAT TGCGGTCTCT CTGGTTTCTT CACCACATTA TTATTGTAGC
356801 AATTTTGGAG GAAAACCTCC TTAAGAGCAT ATGAAACTGT CTTAAAGCAA
356851 TTGTTTGAAT AGTTTGTAAA CTTGTGCTCC TTAGCATACA GGATGCTGAA
356901 AAGGAGAATG GGGACCAAGG AGACACAGCA TTGAGACCTG TACACTTCCC
356951 CAGATTCAAC GAACCTCGCTT CATTTTATGT GGCTTTATAT ATTGGCTTTC
357001 TCTTAAGACT GTGTGTGTGT GTCTCTCTGT GTGTGTGTGT GTGTGTGTGT
357051 GTGTGTTGAA AGACTCAACT TGTTTAGGTC AGGCACCCTC AATAAATTTG
357101 GTCTAGTTCT GCTATTTTAT CTGAGCTTCC CAATATCAAA ACTGCTTAGA
357151 TATTTTCACT AATTCTAGTC ATCCAAGTTC TTATTTTAT AGTGATTTTG
357201 AGTTAAGGGA ACTTTCCAGA GTCCTACAAA TAGTAACTG CACACCCAAG
357251 ACTGGAACCC TAATTTCTGG ACTCTGACTC CAGTGCTCTT TCCACTTGGC
357301 ACTTCCATTT GAAAGCAAGG CCATTTTAAT CCCTGTATGC TCTGTTTTTC
357351 ACCTAAGGTG GATGACTGAC AAAATTTCAA CAGCTTTGTA GCCTGACTCC
357401 TCCTAGTCTC AATCCTCTTC TCTACAAGAT AAATGCTTTA AGAAATACAG
357451 GGTTGCTAGC AGAAGTGAGT TTTCATAACT AGTTAAAACC AAGTAGTTGA
357501 ACAAGATATT TTGGGAAGAT GAAAATTTTA CTACCTGACT CAAGAAAATT
357551 AACTCCATAG GAAAGCAAAT AATTTTTTAA CACAGTAATG AAAATTTAGA
357601 GGGTTATTAC TCATTTGTTT TGAAAATATA CCCAGCAAAA AAGAATCTGA
357651 TGCTACTTTT GTGCCAACAG GTTCAAATGT AGAATTGATA CTAATTGTCA
357701 AGAAGAAACA CAATATTCAA GAATATTAAA AAAAAAACA AAGAATACAG
357751 TGAACCTCCA TTCTTAGGA AATTATTTT ATCACTGAAA ATTAGGATTT
357801 CTAAATGTTG CCAATAATGG TAGTTCCACA CTGCAGAATC CCTCTTCCAT
357851 TCTATGTGAA ATTGAAATCT GTTCAAAAAG ACCATGTAGC AAAATATGGA
357901 AATACATGTC CCGTGGATGG AGGAAATAGT CTGAAACTTG ATTTTGTGAG
357951 TATAGCCCAT TATTAACCCA CTTCAATCTA CATGATCCTA AAGGGATTAT
358001 AATGACAAAT ATTGAAATAA TTGGTCTAAG GTAAGATTTT AAAAATATTT
358051 TCTATGCATT ATTTAATAT ATGCACCTCT GTTTCCCAAC CATATGGAAT
358101 ATTAATTTAG CTATTTGGAC ATTTATGAAA TTCAAAAGTG AAGTTTTAGG
358151 ATACGTTAAA ATCAGGAATA TACTTTGCAA TTTATCCTGC ATTCCACTTT
358201 TATTTCTTTA GCTTATGAGG AGTTAATTCC TTATTAATAG GGGTCCTTCT
358251 TCATTTCCAT TCTCCTTCTT GAGAATAAAT CCAGAATATA ATTACTGGTG
358301 CATAATAGTT CCAAGAATTT TCAGTTACAG CAGGTAAAAA GTAGGTTGCT
358351 AATAGCTGCC ATATAATTAT ATTCCGTTGA CAGATGACAT TCAGTTTATG
358401 TTCCAGAAAA TATTAAGTAT AACTTTTCAG TTTTATATGA AACTTTTTTT
358451 TGGTATAGCT ATCCAGAAAA ATATGGAAAG ATTTTGATTA ATCTATGAAG
358501 ATTTGAAGAA CCTACTTCTG CAACATTTTC AATTTCCCAA GGTTCATTG
358551 CTGTAGGAAG CAGCAGACAT GAATAATATC ATTCTCTTCT CTTGCTTTGG
358601 CTTAATGCTT AACCTGAGTG ACCTGACACA TACCTTGATT CTGGTTCAAC
358651 CAGTAAACTT AATATAACTT TTTTAAAGTG CTAGCATTGT TTGCAACAGC
358701 TATTCCCAAG TCTTAGAGAG AAAACTTTTA TATTGTAACA GGTTAATTCT
358751 TTTATTGCAC TATCACCAC ATGAACTCGC TTTAATATAT CCTTTGGAAT
358801 CAGCTGTTTA TCTTCCTGGA AAACAAGCAT ACACACACAC ACACCACAGA
358851 AGACATTTTG GCATTTGCTC CTCACCCCAA AGTGCTCTTT CACTACTTTC
358901 CCTCTTCCCT ATCACTGTAT TCTTACTCCT CATCAGCACA TCACATCTGC
358951 TCTGGTCAGT CTTCTTTAAA CTCCCTTGT CCTACTCATA ACAAGCCTTG
359001 GAAATTTGCT TGCAGCAATT CCTAGACTAG ACCTATTGCC ATCCTCTTCT
359051 CTATATATCA AAGCCTTCTC ATTTCTGAGA TCCAAATCAT CTCCAGGTAA

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359101 GTTTAATAGG CTCCCCAGCT TGCCTGATC TATCCCATCC TTAAACTCAA
359151 AGAGCACTTA GTCTATTTTT ACACAACCTAA ACAATTTATT TCCATACTGC
359201 TTTGTGTTTC TTGCTAGATA GCTAGATGAT GATAATGATG ATGATGAAAA
359251 AGAAGAAAGA GAAGATGATA ATAGATAGAT TGATGAAGAT AGATAGATAG
359301 ATAGATAGAT GATAGATAGA TAGATAACCT GTGTATATAT GTGTCTGTAT
359351 AATGAGTTTA TTTCATTTTC TTAACATATGC CTTCAGAGGT AGGATCATAA
359401 CATCTTTTAA AAATATCTCT CAAAATACCT AACACTGCTA ACTCATCAAT
359451 TGGTAATTGG GCTAAATAAA CTGCACATTT TATTTAATGC ATGCAGTACA
359501 TTCTCAGCAT TCATAAGAGA AGGTTATGAT GTCTGATAAT ACTTCCTTGA
359551 TGAGAGGGAG TAACAACCTC ATGTATTCAT TCATGTGACA TTTATTGAGT
359601 TTATACTAAG TTCCAGGCAA GCCAAATAAG ATACATAAAA GTTAATTCTT
359651 CTCCTCCTTT TATATACTCT GCACTTGCTC TCTCGTTTTT TTAAGTATGA
359701 GGAAAGTCTG GAAATGATGG GGAGACACTG TGCTGGATAG AACATCTTAG
359751 ATAAGACCAT CCTGAACCTG ATTGTAAAAG GTTGAGACTC TCTTATTCCA
359801 TTAGCTTTCCA AGTGGGAAGA TAAGAAAATA TCATTGTGAT TCAAATTTCC
359851 ACCCCTATCA TTTAATACTG ACAATGTTCT TGACTGTATT GTTTGATTCT
359901 TCCTTGCTCT GGATTCCTAA TTTGTAAAGT AGGCATAATA TCTTCTTCAT
359951 TGTAGACATT CAGTAAAAGT TTAGTGTCAT TTCCAAGGCA AAAGTGCAAA
360001 TAATTTTTTT TGTTCTCCAG ATGTATATGG AATGCCTAAT CTGAAAAGGA
360051 TGCTGTTTCA CAACTCTGG TTACAGTGGT GACACATCCC TGCCATCTAG
360101 TTGAGTGGGA AAAGATAGAA AGAATAAGAG AAAATCAAAG TGTGACAAAA
360151 TTTATACTGG TAATAAATGG GGCAATCTGT GAGCAGAAAG GGGGCACGTA
360201 ACCCAGTCTG GAGGAGCCAG AAGAATCATT GTCGACATTA AAACACGAAG
360251 GAAGCCAGAA GGATGTCAGC TGGGTGGAGA CTCAGGTAGC AGGTGCAAGG
360301 CAGTCACCAA AAGCAGCACA GTGATTTTCA AGCCCAGTGA ATAGGGGAGG
360351 CAAAGTCCCA GAGGCAACTG TGGGAAGAGT AGCATGAGAC AGCTCCGATC
360401 TCTTAACCAT CCTCTTTTTT CCACCTCTTT TTCTTAAACC CCTCACTTC
360451 GTAACCTCTT GCCCTATATA AGCTAGACCA TTCTCCCAGG CCAGTTTTCC
360501 ATTCCAAAAT GTTCCCTTCA TATCATGGAT GACTATCTGA TAAACTGGCC
360551 CAATGTTCTC AGGTAGTATA CAAAATTATA AACAGAGTTT GTTTAAAAAT
360601 AAATCCCTC AGTTCCTATC ATAATAAAAA GCCATGTTTT CTGAATGCCA
360651 CCAATTTGAT GAGAGTATCT CATGTAAAAA GCTGCATGAA AAAGTGAAG
360701 TTTTGTCTC ACTGGGATAT ATTTGCATCT TGAATGAGAA ATTAATTAAAC
360751 TCAAATGAAT TTTATGATG GAAACATGCA GGAGGAAGGT GAGGGATGGC
360801 AGGAGAAAGG AAAGATATGC TTTAGATTCA GGCTCTCTGG TTTACACCTT
360851 CCCAAATTTC CCACAAGTTC ACCTTCCTTA GGTACCCTCC CAATCCCATT
360901 GCTATAGTCA TTTCTCTTTT TTCACCTTCA GAAGGAGTTA GGGGTTTCACT
360951 CAAACAGCCT TCTGCTGAAG GAGGAGAATG AATGTACAAT TGTGAGGAGC
361001 TTCCTGTGTT TACTGAAGAC TGAATCATTT ACAATGTAAGT AATCAGTCAG
361051 GAAAACCAA AAAAATGCA TACACCGCAA GTGTCTATTT AAAATTGCAAG
361101 TATTTCAATA AGGCTTAAAT TTAACAAAAA AACAGAATTC TTAAGTAAG
361151 TAACCTGAAC TCCATTTTTT ATAGCATAAT CTAATGCTTG CCTTCAACTA
361201 GAGATTTTCT TTCCTCTCCT AATGTCTTAA AATAGCTTCA TTAAGCTCTT
361251 AAGAAATGAT GTTCTTCTTG ACAAATCAT GCTTCATGGA ATATCAAGTT
361301 ACATTTGCAA TACCTTCAA TGAATCTTAA GATGACATTG TCATGAAGTA
361351 GAAATTAAAA TAAATTCAT CTCTTATTTT GAGGTTTCAAG CTGCATTTAT
361401 TTTCCATTCT AAGAAAGACT AAAAGGCAGG GATTAATGAA CTAAAAAAG
361451 GCATTAGGAG GGATTCCTCA CAATGCTTCT CCAAAGGCAT CCTCGGGTAG
361501 GTAAAAATAT TATTTCTCTT CAGCTTTTGA TATCTGATTT CACTCTATAC
361551 TTCAGTCATA CAGCCATCTC AACACACACA CACACGCACA CACACACACA
361601 CACATGCACA CACACACACA ATTTCTTAAT GTATCTCAAG TTGAATTTAT
361651 CTGCCTCTAT CTTAGGAGAC ATCATTTATT GTTTCCTTTT CATCTTATGA
361701 GTATGCATAT AAATTTCTAT TCTAATCTAT AAAAATGAAA TAAACAAGAA
361751 CCAAAATATA TATTAGGAC AAATGTGATT TATGCTTAAA TTGTCAAAGC
361801 CAATTGCTCA TTCAGTTAAG TTTTGAATTG TACTTTGGGT ACTGATCATT
361851 TGTTCTCATA AACAAATAAA CATGCTTGCT TGAATCTAT AAGAATATAT
361901 AAAGTTTACA AGCCTTTCAT TTTGCCAAA ATCTAAACTC TGATATTTCT
361951 ATAACAAAAA TAAACCTTT CATCAATACA CAAGGGTATC CTTTAGCAAA
362001 TAAATAATTA GCATTATTTT TTAAGATAAA TAATTTGTAT TCAACTTATC
362051 AATGAATATA AGATATATTC AAGCTATTGA ATGACTTTTT TTGAAAAAAA
362101 AAAAAGACTT TCACATTCTT TTTTTTTTTT CATTCCTATT ACAGGGCCTC
362151 ATTCTATCAG TCAGAGGTAG AATTTTTCAA TAATTGAGTC ATTCCCCTG
362201 ACCTAAATTT AGAGTGCAGT ACTGTACCTC TCTCCCTCC CTCGTGATTT

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362251 CTGTGAACAG ATCTGAAGCT TTAAATAAAA AATTGCCCGT ATGTTTTTATT
362301 TGGATCCGTT CTGCTTCCTT CTAAAAAGCA CCAGGAAAGC CCAGGGAGTC
362351 ACAATGATTA AGGACATGTT CTGGAGTTTA ACCTGCTCTC TAAACGGGA
362401 TGCATTCCAG GGCATAAAAG AAACCTCTGAA GTAGGTCAGA AGCTTTAACT
362451 GCCTGAGGGC CTACCTTACA CGGGAGGCAA GCAGGTGGTT TGAAATTAAA
362501 TTAGTGCCAG AAACATCAAT GAATCATGAT TCTATGGCTT TATATTAGAC
362551 TGAAAGGTGA GGAAATACAG TGTGTCATAA GGCCTTCAAA ACCTCATTGA
362601 TTTGGACTTC CTAACCTTGA ATTTGCATTA ATTCAGATGA GGACTTGGTT
362651 TGAAATCATT TTGTGCGGTC CCTGAAGTGG GTTGAGGTGA TGTGAAGGAG
362701 AGAATTTGCA AAATGAATGA GGGAAATATC TAGCCTATAA GATTATAGAC
362751 AAACAAAATA CTTTCCAGAA TAACATTAGA AGAATCACAG AGTAAATATT
362801 GTAATTAAAA TTGTCTTAT TACACTTACA ACATTTTATT CCAACAAAGT
362851 AGATTAAATC TATGAGATGC TCATCACTGA GGTAAATACAT GGTGCCCCCT
362901 GACCTCAAGC AGATCACAAA TACTTGCTGG AAAATCTGCT CGCCCACTTC
362951 CACCTGTAAC AGTCTATGGT ACTATAATGA ACAATTAACT GGGGAGAGGT
363001 GGAGTACTTG CAATTGGCAA TGGAAAATGG ACATAGCTTC TTGCAGGAGA
363051 TACCCAGATC ATTGGGAGCC TTGAGCAGTT AATCCAGGTG TGTGAAGACC
363101 TTTCCAAGGC CCGTCTAAT GGGCTCTACT TGTGTCTAGT CTGACCTCTA
363151 TCTTCTACCA CTGTACCTAG CCCATTTCCCT CAAGGATGCC TTCCTTAACC
363201 TGAGTTAAAT TCATCCAGTC ACACACTTTC ACAGTGCCTT CCTTTTATCT
363251 TCTATCACAC ATATCACAAAT TGAGATGAAA TCTTTATTTG TGTACTTATT
363301 TGTGTCATAC CCATTTTGCC CCACTAGTGA CTAAGTTCCA TGAGGACAGG
363351 GGCTGTGTCT TTTTGTGTTT TCATAGTTT CCCAGTGTCT GCTCAATAAA
363401 AGTTGGGTGG GTGGGCAAAT GGATGGATGG ATGGATGGAT GGATGGATGG
363451 ATGGATGGAT AGATGTTTGG GCAGAAGGCT ATATAGAAAA ATGTAGGCAC
363501 GCATTTGAAG AGGTAAGGTA GAGTCAGAA TCTACCACAT CCCCTCCTAA
363551 ATCAATTATG GCATTTGGCT TTTAAGAGGG GAATAGTATT TCATCCAGTA
363601 ATATGAAATT ACTGAAAATA AATAAGTATT AGAACAAAAT ATTTTGTAG
363651 AATTTATAAT ATGTTTGCTT CTTGTGTGTA TCAGTGTAT TCCCTGTGAA
363701 GACAGAAATG ACAACCTGCT TTTTTTTAGG GCCTGACTGC TGGAAAATAA
363751 ATAAATAAAA CTTCCTCAT ATAAAGTCCC TCCTTCTCTA TTCTATCTCT
363801 GAAGCCTGCA GGAAAGACCC TGTGACTTT TTTTCTCAAG CAGGCTTGCC
363851 TAAGAACTGG AAAGAGAGCC CAAAGGAAGA AGGCAGCTGA TGAAGCTGCC
363901 AGGCAGCTTT GTGCTCCAGA AGCCCTGGGT CTTGGCTTTG ACTCTGTGC
363951 TCCCTGCCCC TTGGCAGTTG AGCTCTGAGC ACTGGTGATG CATTCAATCA
364001 GGGCCTTAGT CTCCTCTGGG GTGAGTCCAT GTTAGTAAGT GAAAAGATAC
364051 CATGGCAGGA AAATCTGCAG AATGTCAGGA ATGATCATAA GGCTCTAAGC
364101 TTTCAAGATA CTGCCTTTAA TCGTTACTTA CTGCTAGGCA AGAATTTTAT
364151 ACTTCTCTTT CACTCTGTT TTTCTTACTG CGGTTAGGAA ATTTATCTTT
364201 AAAAATCACT TTAATAGGT GGCCTGAATG ACAACATTTA TATGCCTAGC
364251 CTAAGCCCTT AGATGCCCTA GTTCCTAATT CCTGAGGTAA CTAAGACATA
364301 AATAAATCTG ATGCCCAAGG CTACAACCTC TGCTCCTGAC TAATGCATT
364351 TTAATTGTTA TTATATAAAA GCTTGTATTG CAAATATGAG ACTTAATAAT
364401 GTGCATAACC ACTTTTTAAC ATCTGAGAAG CTGTGTTTCC ACTGGAGGTA
364451 ACAATAGAAT CTTAGTTTTT GAAGCTTCAA ATTTGCAATT ATTCTCTGGA
364501 AAGGCCTTCA TTCTTCAGTT CATTAGGGAA TGACACATGA TGTTTTCTGC
364551 CATTATTATT TACTAAAGAT AGTATAGGAT TGACCTCTGT TTTATCAATT
364601 ATCTCAAGAT TAGTTGTATT GAAAGATGTT TTAAATATA TTAGTAAAG
364651 TATACTAATG AACCTATAAT ATTAAGGATA CAGAGCAAT GACATATAGC
364701 TTAGTAAAAA GGAAGTAATT TAAAATGAAC TGGTAAGAAA ATTTCAATAG
364751 TTTAGATTTC ATAACCTTTA TTTTAAATAT GTTACATTAA AATATAATAT
364801 CTGCTGTAAA AATTATCTAG TTTCAGCATC TGTCTTCATA AGAAGTTAAA
364851 TGATAGTTTC AGGATAATGA GTTTTGCTGA ATTACTGAAT GTATTAAGAT
364901 GCTCTCGAGG TATTCTTATC CAATAGTAAT GCCAGGCAAA TATTAATATT
364951 TTGATACAGC CTCTGGTATA ATGAATATGT CTTGGAATAT TAACACTAGA
365001 AGTTTGCTCT ATAAAAGTTT GCTCTATATA AAGTTTCAGT GTAATTTTCA
365051 CCAGAAAGTT TAAGGCGATT ATTTAGCAA GTTTCACCAA GAAAGCTGAG
365101 AACTGGTAAA ATGAATTTCA TTAATGGGCG CCAGACTCCT TTAATGAGAT
365151 GGCAGGCTTT GGGAGGCTTC ATATGAGTTC TAAATGTTCC GGACAAGGCT
365201 TGCAATTTGC TTTGCTGAAG GCATAGAGTG CCCCCAACAA AAGGGGCTTC
365251 TCCAGTTGCA GTTTTCTGGG TTAATGTATT CCAGGTTGAA TTATCTCACC
365301 CATTGATTGC TGCCCTGGGA ATTTAGTGT TCATACAAAC TAACAAACGT
365351 CCACCAGATA AGCACCAGCA ATGCCAGCT GGCTCTTTGT CCCCATGGG

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365401 AAATTTTCTC AGTTAGAGCT GGGTAATTGT TTAGTGCAGC TGCTGCAGTT
365451 TCAAGGGTGC CAGCTCATCT GAGCCAACCTG TATGCACACA GCCCATGACT
365501 CATGAGGCTG AGAAAGTACA CACTGCTGGT GGGTGGGTGG GGGCCTTCAA
365551 GGAATCCATG TTAAATTTGC CCTCTTCTTT GTCAACTATT TGGGGGATAA
365601 TACATAGTGA AAGGCAGTTA TTTAAGGGGT ATAAATATCC TATATCGTGA
365651 AAATCAGCTA TAGGTAGGCA TAATAACCTC ATCTTTATTA AAAAGCTTTC
365701 ACTGTATGTA TCTGAACAGT CACTTGGCTG TACTGTATGT GTTATAATAA
365751 CATAACATTG TAAGATGTGT GGTTCCTTAC ATACACCCAA ATATGGAAC
365801 GGCATAATAT CCAGAGCAAG GGACAATTTG GGTGGAGACG GGGAAGGCAA
365851 GCACTGTTCT CTGGCCTCAT GCCACGCTAT TTGGCATAGG GTTCAATATC
365901 AGATCTTCCA AAATTATTCT AGAAATACCC AAAATATATT TTGTGAGACA
365951 ACTGATTATT ATTGTGAGGC AATTTGAATT TATTAGGGCT TTAGTGTCAA
366001 TTAGACACGG TAAGTCTCTC CTGGAATAAT TCTTTTAAGT AGTATCTGTC
366051 ACATAAATGG CATCTTTAAA CAGTGTCAAT CGCCACATGT ATACCACATG
366101 TCTCCAGGGG CTGTAGTAT ATATAATAAT AAAGTAAGAG TTCTTGATAA
366151 ATTAGTGATC TATGTTCAG TGACAAATTA ACCTAAATCT TAGTGTCTGA
366201 AGACAACAAG CCTTTGTTAC CCCACAGTTT TTATGGATCG AGAATGAAG
366251 AGAAGCTTAG CTAGGTGTTT TCACTCCAGG TCTTCCACAA GGCTGGAAGA
366301 ATGTGAGAGT ACTCTTCTGA GCTCACTTAC GTGAGCCTTC CAGCAAGGCT
366351 GATTTCTCTC AGAGCAATCA TGGCAGCTGG TTTCTCTCAG AGAAACAGCC
366401 TAAGAGAGAG TGTGAGAGTG CACACTGTCA GTTATGGCTG CAGTTGTCTC
366451 AAAGATCAAT AAGGGATGAT CTGTTTCCAA GCTTGCTTAC TAGGCTGTTG
366501 GCTGCCTCAG ATGATCCTCT TCTGAGCTTA CTTATGTGAG CCTTCCAGCA
366551 AGGCTGGTTT CCTCCAGAGC AACCATGGCA GCTGGTTTCC TCCAGAGCAA
366601 CAGCCTAAGA GAGAGTATGA GAGTGCACAC AGACAGAAGC CACAGCCTTT
366651 TTACAACCTA ACATAGTAAT GACATCTTTT CACCTCTGCT ATATTGTATC
366701 CATATGAAGC AAGTCAGTAA GTCCAGCCTA CACTCAAGAG GAAGGGATTA
366751 CATAAAGACA TGAATACCAG GAGGCAGAAA TCTTAATTCA AGGCATCAGC
366801 CTTTCTCTCT GGAATTATAA TAGCTACCTC TAATTAGTTT CAGAACCTCC
366851 AATTTTGATC TACTCCAGTG AAACATTTT TGCTATGGCA AAGTGGTCTT
366901 TAAAACTGC TAATCTGATC ATGTCAATTA ACAACTGGTA ACTGTCCTCA
366951 AGAGAATGTC TAATCTTCTT ATTATGACCC TTTATATACA GTGCATAAAG
367001 ACAGTATTAA ATGGTATTTA AAGTCTTAGG CTCTAAAGCC AAGTTGCCTG
367051 GCTTCTAATC CTGGTTCTGC CATGTATCAC TTTTATGCCC CTGGGAAAGT
367101 TTGCTAACCT CATGGGACTT TAATTTCTTC ATTGAAACCT GAAATGGTAA
367151 TAAGAGCTAC TTTATAGGAT TATTGTGAAA ATTCAATGAG ATAATTCTTA
367201 TGCAAGCTCTT GGCACAGTGT CTAGGACATA GAAAGACCTT AAGAAGGGTA
367251 GGTGTGTATT ATAATCCCC ATTTTATCTG AGCCATTTC TGCATATTG
367301 TGCAACCACA GCAAACCTCA GTAGAGTCAA TTTTGACCTC TTACAAAGCT
367351 GTCTTTATCT GAAGAGCTTT CATTTATTCA TAAAACTCA ATTCAGAGAG
367401 TTAAGTTTTT CTACAGAAAG ACTTTATACA CACACAAATG CACATACTTA
367451 AGCATACAAT TTTGGACAAA GTGGTTTTCT CTGTACTCCC TCAGCTCCTA
367501 TGTATAACTC TATCATGGTG TTCATCACAC TGTATGCCA TTGTTATTTT
367551 TCTATGGTCC CTATTAGAAT ATGACCTCTT CTAAGGAGTC TTTTATTTCT
367601 GTATCCACAG AGCCTAGCCC AGTGCCTGGC ATATAATAAA TATGTCCTTA
367651 ATGAATGTGG GCAGAATGGT CTAATAAATA AATGATTTGG GAGTTTTTTG
367701 ATGTAGTCTC CTTCTTCATT TCTTCATCCT ACTTCTGACA CCCACTTACT
367751 CATTCCCTCA CCTCAAGTCC TGATTGCATA AGGATATTTT AACTGTTGCT
367801 TTGAAGAGAA AGCTGCCCAA ACAAGTTGTT AAGATCAAAG AACATGTTTC
367851 TCCTCATATG CAGTTCTAAA GACACAAATT AAATTAAGGT CAATATTTCT
367901 TTCCCTGACT TTCTGTTATT TGGGCTTTTG AAATTTACAA CTTTGTAATA
367951 ATTGCTTCAC TCCCAAGCCA AACTCCTCAG TCAGGCATTT ATTTTCTTTC
368001 TCTTTTTTTG TTTTATGATT CTAGTATTTT TTATTTTTTA TTTTATTTTA
368051 TTTTAAATT ATACTTTAAG TTCTAGGGTA CATGTGCACA ACGTGCCGGT
368101 TTGTTACATA TGTATACGTG TGCCATGTTG GTGTGCTGCA CCCATTAAC
368151 CATCATTTAC ATTAGGTATA TCTCCTAATG CTATCCCTCC CCTCTCCCCC
368201 TACCCACAAA CAGGCCCCGG TGTGTGGTGT TCCCCTTCTT GTGTCCAAGT
368251 GTTCTCATTG TTCAATTCCC ACCTATGAGT GAGGACATAT GGTGTTTGGT
368301 TTTTGTCTCT TGCGATACTT TGCTGAGAAAT GATGGTTTCC AGCTTCATCC
368351 ATGTCCCTAC AAAGGACATG AAAATCATCC ATTTTATGAG TGTTTATATG
368401 CCACATTTTT CTTAATCCAG TCTATCACTG ATGGACATTT GGGTCGGTTC
368451 CAAGTTTTTG CTATTGTGAA TAGTGCCACA ATAAACATAC ATGTGCATGT
368501 GTCTTTATAG CAGCATGATT TATAATCCTT TGGGTGTATA CCCAGTAATG

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368551 GGATGGCTGG GTCAAATGGT ATTTCTAGTT CTAGATCCCT GAGGAATCAC
368601 CACACCGACT GCCACAATGG TTGAAGTAGT TTACAGTCCC ACCAACAGTG
368651 TAAAAGTGTT CCTATTTCTC CACATCCTCT CCAGCACCTG TCGTTTCCTG
368701 ACTTTTTAAT GATTGCCATT CTAAGTGGTG TGAGATGGTA TCTCATTGTG
368751 GTTTTGATTT GCATTTCTCT GATGGCCAGT GATGATGAGC ATTTTTTCAT
368801 GTGCTGCTG GCTGCATAAA TGTCTTCTTT TGTGAAGTGT CTGTTCATAT
368851 CCTTTACCCA CTGTGTGATG GGGTTGTTTG TTTTTTCTT GTAAATTTGT
368901 TTGAGTTCTT TGTAATTTCT GGGTATTAGC CCTTTGTCAG ATGAGTAGAT
368951 TGCAAAAATT TTCTCCCAT CTGTAGGTTG CCTGTTCAT CTCATGGTAG
369001 TTTCTTTTGC TGTGCAGAAG CTCTTTAGTT TAATTAGATC CCATTTGTCA
369051 ATTTTGGCTT TTGTTGCCAT TGCTTTTGGT GTTTTAGACA TGAAGTCCTT
369101 GCCCATGCGT ATGTCCTGAA TAGTATTGCC TAGGTTTCT TCTAGGGTTT
369151 TTATGGTTT AGGTCTAACA TTTAAGTCTT TAATCCATCT TGAATTAATT
369201 TTTGTATAAG GTGTAAGGAA GGGATCCAGT TTCAGCTTTC TACATATGGC
369251 TAGCCAGTTT TCCCAGCACC ATTTATTAAA TAGGGAATCC TTTCTCCATT
369301 TCTTGTTTTT GTCAGGTTTG TCAAAGATCA GATGGTTGTA GATGTGTGGT
369351 ATTATTTCTG AGGGCTCTGT TCTGTTCCAT TGGTCTATAT CTCTGTTTTG
369401 GTAAGAGTAC CATGCTGTTT TGGTTACTGT AGCCTTGTAG TTTAGTTTGA
369451 AGTCAGGTAG CATGATGCCT CCAGTTTGT TCTTTTGGCT TAGGATTGAC
369501 TTGGCAGTGC AGGCTCTTTT TTGGTTCCAT ATGAACCTTA AAGTAGTTTT
369551 TTCCAATTCT GTGAAGAAAG TCATTGGTAG CTTAATAGGG ATGGCATTGA
369601 ATCTATAAAT TACCTTGGGC AGTATGGCCA TTTTCATGAT ATTATTCTTC
369651 CTATCCATGA GCATGTAATG TTCTTCCATT TGTTTGTGTC CTCTTTTATT
369701 TCATTGAACA GTGGTTTGTA TTTCTCCTTG AAGAGTCCCT TCACATCCCT
369751 TGTAAGGTCG TAAAACCTCA CAGAATCTGC TCCACACAGA CCTCTTACC
369801 CACACCATCT CCAAGGCTCT TTCTCATTGA CTGCTCTCAA ACACGTGTAT
369851 ACACACACAC AAGCACAGC ATACATACAC ACAAAATGCAC ACATATAGAA
369901 ACATGCAAAT ATATACACAG GAGACCAAGT GCATCGGATT CATTTTAGAT
369951 GCTTGTTAAA ATTCAGATTC CTGGGCTTCA CCTAGTCTCA GAGGGCAAAG
370001 AGCAGGAAAT CTACCTTTTT TTTTTTTTTT TTAATTTATT GATCATTCTT
370051 GGGTGTTTCT CGCAGAGGGG GATTTGGCAG GGTCAATAGGA CAATAGTGAA
370101 GGAAGGTCA GCAGATAAAC AAGTGAACAA AGGTCTCTGG TTTTCCTAGG
370151 CAGAGGACCC TGCGGCCCTC CGCAGTGTG GTGTCCCTGG GTACTTGAGA
370201 TTAGGGAGTG GTCTGATCTC TTAACAAGCA TGCTGCCTTC AAGCATCTGT
370251 TTAACAAAGC ACATCTTGCA CCGCCCTTAA TCCATTTAAC CCTGAGTGGA
370301 CACAGCACAT GTTTCAGAGG GCACAGGGT GGGGTAAGG TCAGAGATCA
370351 ACAGGATCCC AAGGCAGAAG AATTTTTCTT AGTACAGAAC AAAGTGAAAA
370401 GTCTCCCATG TCTACTTCTT TCTACACAGA CACAGCAACC ACCCAATTTT
370451 TCAATCTTTT CCCACCTTT CCCCTCCTC TATTCACAA AACCACCATT
370501 GTCATCATGG CTTGTTCTCA ATGAGCCGT GGGTACACCT CCCAGACGGG
370551 GTGGTGCCG AGCAGAGAAG CTCCTCACTT CCCAGTAGGG GCGGCTGGGC
370601 AGAGGCGCCC CTCACCTCCC GGACGGGGCG GCTGGCCGG GGGGGGGCTG
370651 ACCCCCCCAC CTCCTCCCG GATGGGGCG CCGGCTGGC GGGGGCTGAC
370701 CCCCACCTCC CTCCTGGACG GGGTGGCTGC CGGGCGGAGA CGCTCCTCAC
370751 TTCTAGACG GGGTGGCTGC CCGGCAGAGG GGCTCCTCAC TTCTCAGACA
370801 GGGCGGTGCG CGGCGGAGG GGCTCCTCAC TTCTCAGACG GGGCGGCTGC
370851 CGGGCGTAGG GTCTCCTCAC TTCTCAGACG GGGCGGCCG GCAGAGACGC
370901 TCCTCACCTC CCAGACAGGG TCGCGGCCGG GCAGAGGCGC TCCTCACATC
370951 CCAGACAGGG CACTAGGGCA GAGGCGCTCC CCACATCTCA GACGATGGGC
371001 GGGCGGGCAG AGACGCTCCT CACTTCCTAG ATGGGATGGC GGCCGGGCAG
371051 AGAGGCTCCT CACTTTCAG ACTGGGCAGC CAGGCAGAGG GGCTCCTCAC
371101 ATCCAGACG ATGGGCGGCC AGGCAGAGC ACTCCTCACT TCCCAAACGG
371151 GGTGGCGGCC GGGTAGAGGC TGCAATCTCG GCACTTTGGG AGGCCAAGGC
371201 AGGCGGCTGG GAGATGGAGG TTGTAGCGAG CCGAGATCAC GCCACTGCAC
371251 TCCAGCCTGG GCACCATTTGA GCACTGAGTG AACGAGACTC CGTCTGCAAT
371301 CCGGCACCT CGGGAGGCCG AGGCTGGCGG ATCACTCGCG GTCAGGAGCT
371351 GGAGACCAGC CCGGCCAAGA CAGCGAAACC CCGTCTCCAC CAATAAAATA
371401 TGAACACAG TCAGGCGTGG CCGCGCGCGC CTGCAATCGC AGGCACTCGG
371451 TAGGCTGAGG CAGGAGAATC AGGCAGGAG TTTGCACTGA GCCGAGATGG
371501 CGGCAGCACA GTCCAGCTTC AGCTCGGCAT CAGAGGGAGA CCATGGAAAG
371551 AGAAGGAGAG GGAGACCGTG GGGAGAGGGA GAGGGAGAGG GGGAGGGGGA
371601 GGGAGAGGGC AAATCTACCT TTTAATAAGC TTTCTGGGTA GTCCTTATGC
371651 ATAAAAAGG CTCGAGGACC ACAGCTCTCA CCCCACCGGG CTTTGATAGT

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371701 GGAACGTACT CTTCTAAAAA GCATATCATT TCCAACTGAA AACAAACAAA
371751 AACCAAAAGC ACATATCCTT TAAGATTCAC TCAACTAGTA CCGTTGTCAA
371801 AGATCCCTAG ATGGCCACACA GTAGTCAATT CCTCTGCTT CCTTTGTAC
371851 ATGGTAAATA TTATTGGTTT GCATACAAAC TACTCAGGTC AGCCCAAGAG
371901 TATCTTGAGT TCAAGGACAT CTCTGGCGGT ACTTCTGGTA CAGGGTCAAA
371951 AGCATAGTTG TTCAATTGGT GTTTACTGAA GTGTTACCTA TGGTACTAAA
372001 ATATGATTTT GCTCTCAAAT GTGTTGGTTT ATATGAATTG ACAAGGCTTT
372051 ACTTTTTTATT ATAGCATAAA ATTTTCATAAC AGTATTTAGC TATTACATAC
372101 CACCTTAACT TTTCAAATGT ACTATAACAA AGAATGAAGG CAAAGCACAG
372151 TTGCTCACAC CTATAATCCC AAAACTTTGG GAGACTAAAG CAGGAGAATT
372201 GTTTGAGACC AGCCTGTGCA ACATAGCAAG ATTCTGCTT CTACAAAATA
372251 AAAATTAAAA AATTAGGCAG ATGTGGTGGT ATGCACCTGT AGTCCTAGCT
372301 ACTTGGGAAG CTGAGGAGGG AGGGTCACCT GGGCTGGAA GTTCGAGGTT
372351 ACATGAACT GTGATTATGC CACTGCACGT CAGCCTGGTC AACAGAGCAA
372401 GCTCCTTTCT TTAATAAAAA AAAAAGGGAA AGAGGCTGGG TGCAGTGGCT
372451 CACGCCTGTA ATCCCAGCAC TTTGGGAGGC CTAGGCGGGC GGATCATGAG
372501 GTCAGTAGAT CGAGACCATC CTGGGAGGTC AGGAGATTGA GGCCATCCTG
372551 GCTAACACAA TGAAATTCTA TCTCTACTAA AAATACAAAA AATTAGTCAG
372601 GCATGGTGGC ACGTACCTGT AGTCCCAGCT ATTTGGAAGG CTGAGGCAGG
372651 AGAATCGCTT GAGCCTGGGA GCGGAGGTT GCAGTGAGCT GAGATCACAC
372701 CACTGCACTC CACTCTGGGC AACAGACTGA GACTCCGTCT GAAAAAATAA
372751 AAAAAAATAA AAAAAAGGA AAAGAATAAA TACCTTGCCC AAGATATAGA
372801 AATAGTAAAA GAAAATTAAA TTCTTCTGCC AAGATATTTT GTTGATAACC
372851 TTGCATAATT TGAGGTAACA ACCTGGAAT TAGATCATAA GCAAATTTCA
372901 TTTGTTTTTT CTGATAACT TTATATTCTT TAGTATGAAG ACATAGGTCA
372951 GATTGTATTG AGATTTTTAT TTAGATCTTG GTATCTCAAT TATTTAATG
373001 TTTTAACAAT GCTGCAGAAC TTTTCTTCTC TGATTGGAAA TTTGAGAGTG
373051 TCAGATGCCC AGTAATCAGA CTCCTCCATG TTAACATAAA CAGGTATCAA
373101 ACACATAAAA GTGGAGCCAC TGCTGAGCCC ACCAGTGCCA GGATGACTAC
373151 TCCAGATGG AGAGGACAAA GAGAAGTGGG CATTAAAAAA ACCTGAACAC
373201 TCTGACAGAG TCAGTTCTGT GGTCTAAATG TTTGTATCTC TTCTACATTC
373251 CTATGATGAA CCCTACTTCC CAGTGTGATG TTATTAAGG ATACAGCCTG
373301 TGGGAGGTAA TTAGATCATG AGGTAAGAG CCTTTATGAA CAAGATTAAT
373351 GCCTTGCCCC TTCCACCACC TGAGGATGCA ACAAGAAGGT GCCATCTGTG
373401 AATCAGAAAT CAGGCCCTCA CCAGATACAG AATCTGCTGT TGCCTTGATC
373451 TTGGACTTCT CAGATTCCAC AACTGTGAGA AATAAATTCC CATGGTTTAT
373501 AAGCAACCCA GTCTAGGGCA TTTTGTATA GCAGCCAAA AGGACTAAGC
373551 TTCCGGCACA TAAATGTAAG ATTTACCAG CTGATTGAGC ATTTGCTTAG
373601 TCTGTTTCTG TTAATAAAA GGAATGTCTG AGCCTAGTTA ATTTATAAG
373651 TATAAAGGTT TACCTGCTTC ACAGTTTACA GGCTGTGCAA GAAGCATGGT
373701 GCCAGCACCT GCTTCTAAG GGTGTTCCAG CTGCTTCCAC TCATGGTGGA
373751 AGGAAAAAGA GAGCCCGGTT TGTACAGGCA AGAGAGGAGG CAAGAGAGAG
373801 AGGAGGGAAT TGCCAGCCTC TTGAACAACC AGCCCTCAGA GAACTAATAA
373851 AGCGATAACT CACTCATTTT TGTGAGGCCG TGCAAGGCCG TTCATGAGGG
373901 ATCTACTCCA TGACCCAAAC ACCTCCTATT AGGCTTCAGC TCCAATGTTG
373951 GGGATCAAAT TTAACAAGA AATTTGGAGG ATCATATATC CAACTATAG
374001 CAAGCATGGT GAATTACCTT GAGAATAAG TTGACACATT GATTTCATAA
374051 TCTTAGGTGA AAGAATCACT TCACCTTCTC AGTGACAAGA TAACCTCTGC
374101 TGACTGAACT CTTTCCTAAA GACAGGCAAT TCACACAGCT TTCTAAGCCT
374151 CAGACAGTGT GAAATCCTTC AGGCTGTATG GTTTTCTTT TAATATCTTG
374201 TGAATTCCCA GAACAAAGCC TCCCCTGTC ATAGGAAAGA ACTAAAAATGC
374251 ATCCTGAAGT CAAACAGAAT TATTTGGAAA TGACATGCTG GTTATAGCAA
374301 TCCACTCATT CCCTCAAGAA CAGATATAAG CAAAGGTTGA CTACATTGAT
374351 GCCTCTCTTC ATTTTAAAGT GAGTCTTCT CTTTTAATCA TTTCTATTTC
374401 TATTTTACAT TTAATACATT TGAATCACCT CTCCTCATTT CACATCTTAT
374451 TTATAAAGTT AGTGTCCAAT TAAATTGTTT TTAATTTAC TGACAATCAG
374501 ATACTTTTGA GTATTTTAGC TGAGTGGCAG TCACTTAAAG CCCATTACCT
374551 GTCCTCAAAT GAAAAAGCA ACCAAACAAG TTACCACTGA AGTAACACTA
374601 CACAAAATGG CAGCCTCAGA TGGCACTGG TTTACTCAAG ATATCATCAT
374651 TCTGCATCTA TGGAAAAACAC AACAAATCAC AGAAATGTGT TTCTGGTACC
374701 TGATATGGTT TGGTTGTGTT CCCACCCAAA TCTCATCTTG AATTGTTGTT
374751 GCCATAATCC CCACATGGTT ACCCTCATGC TGTTCTCATG ATAGTGGGTG
374801 AGTTCCTCATG AAATCTGATG GTTTTATAAG GGGCTTTTCC CCCTTTGATT

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374851 GGCAC TTCTC CGTCCTGCCG CCATGTGTAG AAGGACGTGT TTA CT TCCCC

374901 TTACTACTTG ATTGTAAGTT TTCTGAGGCT TCCCTAGCCG TATAGAACTG

374951 TGAGTGAATT AAACCTCTTC TTTTATAAAA TTACCCAGTC TTGGGCGGTT

375001 CTTTATAGCA GCATGAGAAT GAACTAATAC AGTACCTTTT AAATTTTCTT

375051 TCATAATACA ATATTGTCAG GCAAGGGTTC CCTAACACAT TTAATATATA

375101 GTGTCTCTCT TGTGCCATTT TTAGACTCTA GCTAGCATAG CATACCAGCA

375151 TAAATATGTG TATTAAGTTT ATATACTTAT TTGCAACACA GCTATCAATC

375201 TTACACCCCTG ACACGTGTTA TAGTGGCAAG GAAGTAGATG CGGTCAATTA

375251 AATAAAGAGA GATAAGGCAG TACACAGATG AGATGTTAAG TCTGATTCCA

375301 TGCAATACTG GGTAAATTCT GAATATCTTC ACAGGTTGAG TTTAGTTCAA

375351 AACAACATGC TATAAAATGG AATATGATG ATGGAGTTTA AAAGTAATTA

375401 ATGGTGGGCA GTCTATCATC TGGGAAAATA GATGCCTCCT TTGGATCCAT

375451 AGCTGCTTAA AAATTCATAG AGAAAAATA AAAATGGGAT AAAGGAGTGC

375501 ATGACCCAC AACAGGATGC ACCTTTACAT GATACTTAAT GGATTTTTTG

375551 TAAATGTACA ATATTGATAT ACCCAGTTAA CTATAGTCAG ATTCTGCTTA

375601 TAACCTCAAC GAATACAATG CGCACCATTA CTCAGCATGA CTCACTGAAT

375651 TGTCCCTATA CAAAACAATA TCCTTGCAAC TGAAATGATT GATGTGAGGC

375701 AGCTTTCACT CTAGCACAGT TAAATTAAC ACAAAAGATA CTCAGGTAGA

375751 AATTTTTGTA TGCAGAAACC TGCCATTAAG TCCTGTACTG CCACGGCAAT

375801 TGCCTGTATA ATAAGTGTAT AGGGCACATG AATACTTTTA AAAATACATT

375851 TCTATATTGG AAATCTGAAT AAAATTTAAA CTATTTTAAT AGGAAATTTT

375901 CTTTGATCAT AGAGCTTGCA TTTAATATCA CCAACGCAAT GATTACTCTT

375951 GACTAGTGGG ATAAC TTATG GCATAAATAG TGCAGTAACA ATTGGAATCT

376001 CAGAGTATAT GAAGGCTGAA AGGGATATTA GAGATCGCTT AGCTCAACCC

376051 ACTTATTTTC TACTTGAGAT AATTTGTTTC ACAGTTCTTC CATATGCTGG

376101 TCTCAGAGCA GTGCTTCCTG GTGACACAGA TAATACTGTC CACAACAAAA

376151 TGATAGAGAT GAAACAGTAT AATAAGGTCT TGGTAAAGCT GAATTTGCTT

376201 ATTTAAATTT ATTGCCTTTT ATTCCTAGAC TTTCCCTTTT CTGATGTTTT

376251 ATCTCCATAT TCTTTTATGA AATGATCATG GTAGAGAAAA ATAGTTGCTT

376301 TTCCTAACAT TCATAATTGG TTAAGTAAAA AGTTGGCAAC CCTATAATAT

376351 GCCTTATTTT TTTTTTAATT TTACAAAAC TTTGAACCTCA AGGGTTGGGG

376401 AACCACCAC TTAGACGCCA ACATAGAACA GAGTCCCTTG ATGTATCTGT

376451 ATATGAGAG GGTAAACACA TTTATCAGTA AGGGAAAATT AGTAAGAAGG

376501 ATTATTTATG AAATGAGTTA TGTTAAAAGA CATTGCTTCT GTTTACCACG

376551 TAAAATTTGA TGAAGTGTCA CAAAGGGAGT AATACCTGCC TTTTGTTATT

376601 TATATGTGTC TGACAAGAGA GTAAATGCAG CAGTTT TAGC TGTATTTAAA

376651 CAAAAC TGGC ATATTTTATC TAACAGTAAG ATGTCAAATG CTGTAAGAAT

376701 AAGGAAATCA AGGAGTCCGG GACATGGATA TAGTTATATT ATTACACAAT

376751 TATTAGGCTA GAGGT TAGAA AGAAAGTGAT AGTTGCCATC AGGAGGCATA

376801 AACTAGCTTG ATTTCTATTT GTTCTTTGTC ACTTGCAATA TACTTTTGT

376851 TTCAGTTAGG TATTATGAGA TTCATGCCTC CCCCCTAGGA GACATGGATA

376901 GACATAAAAA GTCCTTG TAG TTTTATCTA AAAAATGTCA AAGCTAAAAA

376951 AATTTCTCAT GAGATATATA GTATAATATC AGCCAAAATG GAATTCAGGA

377001 CCATTTAGAA TCAAGAGAAA TTGCCTCCTA GGAAGTTACC CTGTGAAATG

377051 ATGCACAAAA ATAGGAAGCT AATGAATCTC TGGTACAAAA TTAGCTTCT

377101 ACATCAAGTC TCTTAAATAA GCAAGAAATG CATATTTATT TCTTTGCATT

377151 TATTTACAGT GATTCATGTA CCCATTGGTT TAAAATTACT TATGAGATTA

377201 GCTACTAAAA GACTTTGGTT GATAGTTGGT TAACAAAAGA AGGAAGTTAT

377251 TATCATTAGT ACTTCTGGCC AACATTTAGG GATAGCTCTT TCTTGACTAT

377301 GATAGAATCA GCTTCAGACT TTAAGATTCA TAATGGCTTT CAGTAGAATA

377351 CATGATTTGT TTTCTCCCTT GGATAAACAT ATCATAATTA AAACCTAATA

377401 TTTTCTAAT TGTTCCTGTG CAGGTTTATT TGGTAACTTT TTA AAAAGGG

377451 GAATGCTTTT TTTT TTTTA CTTT TTTGTT ATAGTTGTTT TTTT TATTA

377501 TTTGAACATG CAAGAGAGAT TCTTAGTAAT CAATATGCCT ACAATATTAG

377551 GGAGTACTGT ATTTCTGAGT CCTAGAAAGA TATTTT TCAA AGGACCTTTT

377601 AAATTTAAAA CAACAAAAT TAATTTT TCA AATAACCAAC TTCATCCTCC

377651 TTACATGTTT TTGACCATGT GGGTCACATT TTAGCCATCT GGTGAAAAA

377701 ATAATATATT GACTTTT TAC TATATGGGCA GCAATGCATG TGGGGTCGTT

377751 TAAGGTACAG AAAATATGGC AAACATAGTT AAGGCCATCA GGGAGTTTAG

377801 AATCTAGTAA CCAACTCTAC AACCTAATT ATAATTCCTC TTTTCATAGA

377851 GATGAAACAA TAAAGCAGAA GTCTGACTTC TGTTAAACT TTTT TATTGT

377901 GGAAGGAGAA AAAAAGGGAA GAAAGGGAGG GAAGGAAGGA GGAAAAGGAG

377951 AGAGGGAAGG AGAAAAAAA TAAATGATTT AATACCTGAC TGTGTGGAAG

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378001 ACACCTTGTT TTACTTCTTA TGGTCTGTG GAATTGGCCT ATAGCTATTC
378051 TGGCACTTTC TATTCCTTGC ACTTCTGAGT CCCTAATGAA GCTTGTGAGA
378101 TCTCCAAAAA GAACAAGTCC ATAAGGCAAA TGACAGCCTT CCAAGAACCT
378151 GTTACTAAAG TGAATGACTT GAGTAGATTC CTGTGGTTAG AGTCGGGTTT
378201 TACAGACTCT TAATTGATTT AACCATCAGA CCTGGCCCGA CCAAGTAAGA
378251 CTCATCAACT ACTAATATGA TGGAGATATC ACATTGCTA AGGCTACTTA
378301 GTAAGTGAAT TTACTCCGTC CCTGATAGGA AAATTTAGCA GGAATGAGAA
378351 ATTAGTATTC CTTTTGTTTA AGTTTAATTT TATTTTAAAG TCACAAATAA
378401 TAATTATGTA TATTTATGGG ATATAATGTG ATGTTTGAAG ATACGTAAAC
378451 ATTGTGGAAT GACCAAATCA GGCTAATTAA CACATCCATC ACCTAGTCAA
378501 GCTATTAAAA AGCAAAACAC AGGCCTGAGA ATTTGCAGAC CATAACCTT
378551 GCAAATACAC AGAAAATCCC TGTCAATAAT GAGGAATCAT CTAAGTGTGC
378601 TTCAAGCAAG TTGCCATCCT TGACTTTATT GTGACTATTG TGACTTTAAA
378651 TACATTCCCT ACTAGTGCCA CCTGTATTGC TTTATATTTT GTTTTCTATT
378701 TCCTAATCTT ACTCTTTTGA CTCTCTCTCT CTCTCTCTCT CTCTTGCTCT
378751 CTCTCTCTCT TGCTCTCACT CTCCTGATGA TTCTAGATGT GTTTGTGATC
378801 ATACACAAAC ATTCAGAGAT CCATAGAAAT CCAAGCCTTA TGTTAGGGAT
378851 TTTTAACTTC TTGTAGGTGA TAGATGACTG AAAATTCCAT AAAGGACATA
378901 AACACATATT CCTAGGGAAA TAAACAGCAA TGAACACTC TAAATTGCTT
378951 TAAATAACTT CTGGAGTTCA AGCCCACCAG TACATCCCAG GACAATACAC
379001 CATGGTTCGAG TAGTATGTGC TTGCTCACAT ACATACACAC ACATTTATTT
379051 TTCCTCATTA TCCTGGAATT CCCATGGGTA GTGTTTCTGA TTTTTTTTCC
379101 TTAACGTACA TTAATCCTTG ACCTGTAAAT GGTGCAAACA TAGTAAGATC
379151 ATACTAATTC GTTGCAATTG TTTAAACAAT GTGAGTTAAG AAAAATAAAA
379201 TAATTGTGTA ATCTCAGAGA TCTCCTATAT GAATCTTATT TTGCCACGTA
379251 CATCATTTCT ACAGGACCCC TGGAAAGTAT ACTCAAATTT TAAACTGAC
379301 AGAGACTCCA TAAATACTGA CTTTATTTTA AAGAAATACC ATTTCATCAC
379351 TTGCAGGGAA ATAGAGAAAG TCATGCAATC TCTGTCTCC AATCACCAT
379401 CAGATGTTCC ATTTTCTTTA TGACAGGTAT TCCAACCAGA CCAACTAAAT
379451 GTTCCCTAGT TCCAGGATTG TTGCTTTTAT GAGGACATAT GCTATCACTT
379501 GCTTAAATGG GGTCTTTTCA AAGTGTTTGA GGGCTTTTAC AAAACAGTTG
379551 GTTTCCTAAA ATACCACCTT GTACGTGGCC CAAAAACCA TAGATATAAC
379601 TGAGATGTAC ACAAACAATG AAACATTTT ATCTTACTAG CAAACACACA
379651 TGGCCAACCTG GCCTAACCAT CTGTCTTTTG CATTATCTAT CATTGCATAA
379701 TTGACTTGCT CCAAGGTCAC ACCAGAGAGC TGGGTTTATT CAATAACTAT
379751 AATTAGCATT GAATGTTATT TGTAATTTAA TTTTGAGCTA TTCTGGTTAA
379801 ATATCCCTAA AAATGTATTA TTATGATAGT AATCATCACT TATTGGGTAT
379851 TTATGGTAAG ATAGGGACTA TATGTGGAAC TATATACATT TGTTATCTTA
379901 CATAGTTCAC AGTTGCCTAT GAATTGTATA TTGTTGCTCT CATTTTGCTA
379951 GTAAGAAAAT TGACACTCAG GGAGATTAA AAATGGCCAA GGCAGAGCTG
380001 GGATATGTAA TAAGGCCAG AGCCTGTAAT ATATCCAGA GCCTGGTGTG
380051 TTCAGTAATA TTTGACCTAT TATGAATTC TAATTTTGT ACATTGTCTT
380101 TGTTTTTATT TTGTTGATGC CCATCCATGG CTATCTAGCA TTCCTGTTTT
380151 GTCCTTCTCG TGTCTTCAC ATTTGTGTCC ATCCAAACAA GCTGCATTTA
380201 GGCTCTAGAA AAAAAGGTAG TTCTACATAA TTCTCTATTC TCCATTGCCC
380251 ACAAGTGATG AGGACTTTAT TAAAAGCATT TTGAAAACAT CCACACATAC
380301 CTTTTAAAAA CTTTTTTTT TCTCCTGGAA ATAATATGTA TATTAGGAAA
380351 ACAGAGGCTT TATCCCCACA AATAAATGAG TTACATACTG GTATTCTGTT
380401 GTATAAGGAC ACAGGCCCTA TAGAACCAAA CCACCTTGA ACGTTAGCTA
380451 GCCTGTCTTC ACATCTGTAA AGTGAAAGAA ACAATAGCAC TGCATTATTT
380501 TCTTAGGGCT TCCATAACAA ACTACCATGA ACTAGGTGGC TTAACAACAG
380551 ATATTTTCAT TCTAGCAGTT CTAGAGGATA AAAATTCAAG GTCAAGGTGT
380601 CAGCAGAGCC ATACGGTCTC TCTGAAGGTT CTAGGGGAGA ATGTGTTTTA
380651 TGATGGTCTC TGAGCTTCTG ATGTTGTAG AAATCTTGGT GTTCTTTGGC
380701 TTGTGGACAC ATCACTCCAA TTCCTGCCTC CAGCATCACA AAGCATTCTT
380751 CCTGGGTTTC TGTCTCTGTA TTTCTTCTCT TCTAAAAGAC AAGGCATTGA
380801 TGAATAAGC GGAATTCTAA TTTTCATCCTC CATATTAAAA AGTCATCATC
380851 CTCTTATTT TTTTAAAGCA AAGACTAAAG TAAGTGTCAT CCATCCTCAA
380901 TATTTTTTTA AAAGCAAGAA CTAAAGTAAG CTGACATAGG GCACCATACG
380951 GCAGCTCAGC ATCTTCTTAG ACATCTGTGG TGGCTGCAGC AGAGTGAGTT
381001 TGGTCTTCTT CTCTCGAAGG AAGGAGGTGT TGGAGAAAGC ATGTCATTCC
381051 CCACAGAAGC ATTCCTCCCA TTTCCCTTTG GTTTGGTGGC AATGATTCTA
381101 AGGACACCCA CCTAGGCCAA AGGAGCCTGG CTGAGCAAAG TGAGCCTTAG

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381151 CATATCTGTT TCTTTGCTTT TTTTTTTTTT TTTTTTTTGA GATGGAGTCT
381201 CACTCTGTCA CCTAGGCTGG AGTGTGTGG CACCATCTTA GCTCACTGTA
381251 ACCTCCACCT CCCGGGTTCa AGCAATTCTC CTGCCCCAGC CTTCCAAGTA
381301 GCTGGGACTA CAGGCATGCG CCACCACGCC CAGCTAATTT TTGTATTTTT
381351 AGTAGAGATG GGGTTTCACC ATGTTGGCCA GGATGGTCTC AATCTCTTGA
381401 CCTCGTCATC TGCCCACCTC AGCCTCCCA AGTGGTAGGG TTACAGGAGT
381451 GAGCCACTGC GCCCGGCCTC TTTGCATTTT TTTACCGCTA TTCACCCAC
381501 CCTTCCTTGC AAAGGCCACC AAACCAATGG GTGAGCTGGT TCACATGATT
381551 GTGCAGAATA TGGATGTGGC TTTATTGGTA TTTTATACAT TAATAATGCT
381601 GTTCATTGTT AACATCAGTT CTCAATTTGG TGACCCAGCT TTCCTACATT
381651 TGGAGGTTCC ACTATCCCAT TACACTGAAA GACCTAAGGC CTTGGAAGCT
381701 TCTGACTTCA TGAGGTAGAA GGAAGAAGGC AGAGCAAGAA AAGATCCACC
381751 TGCTTGTCTA AAACCTTTGGC CAAGATGTGC TACTAATCAG ACCCATGGCC
381801 ATGCTTGATT GCAAATGGGG CTGGGAACCTG TAGTTCTCGA CAAGGCAGAC
381851 ACATTCTAGC AATAACTACA CTTTAGGAAT GGAGAACAAC AAATTTTGGT
381901 CCACAACAGC TGTCTCTATC ATAATCTTTT CTCTGTGAA TTCTCTATAC
381951 TTTTATTTGC ATAGGCTCTT TCTCTTTAAG CTACAAACAT GTTCAGGAAT
382001 TTGAGATGCT TACTATATAC ATTACATGTA TATACCAGGT ACTGTGCTAA
382051 GCCCTAGGAA TACTGGTTAT GCCTTTTTTC TGCTTCCCAC ATTTTAgTTA
382101 TTTCTTCATG TATACTATCT CTTCTGTGAC TCTTTTGGAA AATTAATCCA
382151 CTTTCCAGAT CTTTCCAGCT TGCTTCTGCA AGTTTAAAT CTCTAGCTCC
382201 AACACATGA GAGCTCTATC CCAGACCTCC TTTATATTAT TATTATTATT
382251 ATTATTATTA TTATTATTAT TATTATTATT ATTTTGAAAC AGAATCTCAC
382301 TTGTTGCCCA GACTGGAATG CAGTGGTGCA ATCTTGGCTC ACTGCAGCCT
382351 CAACCTCCTT GGGCTCAAGC AATCCTCCCA GCTCAGACTC CCAAGTACCT
382401 GAGACCACAG GCACATGCCA TCACGCCCAA CTAATTGTTT TGTATTTTTT
382451 GTAGAAACAA AGTCTCACTA TGTGTGCCAG GCTCAGACCT TCTAACTGCC
382501 TGCCGAAGAC GTCCTCCTGT TGGCATCTAT GCCTCTACCT CACATCGTCC
382551 CAGCCAAACA TCTAATTTCC TCTCCCATTT CTCACGTGGT TCCTCTGTCA
382601 TCTGTGCTTT TCAGAAACAT TTGTAAACT CTTACTCATG AGCTAGTATG
382651 CTAAGTGTTT CTTCTCTTAA ATTTTACTTA TTTTCTAAAT GAAAGCAACT
382701 TTAAGACAAA GATAAAGAAA ATGGAGGGAA GAATCCATAT GTAGTTTCCA
382751 AGAGACAGGT AAGAGGGGAG GGGAGGCAAG GAAACAAGCA TTAGACTAGA
382801 GACCATCTGG TATCAGCTAC ATGGTGGGGC CAGAAGTCCC TCAAATCCAT
382851 ATGGCATAGG AGCTGCGAGA CAAAACCAAG AGGCATTATG TTGCTGGTGG
382901 GTGGCTTGGG GTTAAGTTTA TGGCTCTGGA AGAAACTATA TTTTAAATA
382951 TGATATATT TGAAGTAATT TGTAATATT ATAATTGTTT AAGATATTCA
383001 ACCTATTTCT CTTACATTCT GAGACTCATA CATATTTTAT GAAGCAGATA
383051 TTTTTCATAT TAGCATATAT AGCTAATATA CAAAACAAA TGCTAAACAC
383101 TTAGTGAAC CTGAATCTAA ATGACTGCAA TTATACAATC ATCCCTACTC
383151 CACCCAACAC ACACACACAC ACACACACAC ACACACGCAC ATAGCCAAAT
383201 ATCTATTTTA ATCTAAGCCT TGCAAAATCA TTTTAAATAC AGAACACTGA
383251 AGTGATTCTA CTACCTAATT TTAATATTTT ATTCAATTAA AAAATGACTT
383301 CCTATGTGAC ATCTTTGATT TATTGTGTGA TGCTTTTCCA TCTTATAATT
383351 TGAATAGGTA ATCATCAATG AGATTGCTGG TTTCAGTGAT AATTACTCAG
383401 GTTTGGCTGT TTTTCACAAA TCATATGCTG AAAAGCCTGG GGAGTTTAAG
383451 TCCTTCCCGA TGCTATATAA TCTATCTGAT TCATTTTGTT ACTGCGTGCT
383501 CTCTGTGATA GATAAAAATA CAGCTAGCCT ATTAGTTAAG TGCAAGTCCC
383551 GAGTAAAGGA TAAATAACTG ATGAGCAGCT TCAACCAACA CCTCATCATG
383601 GCGTTTAAAC GCTGCCAAAA GTACTGTATA ATCTTTTGGG AAGCTTAATC
383651 GTTCTCTATT GCACTTTTTG AAAGTGAAGA GTAGTTACTA ATCCTGGTGT
383701 TCGCACAAAA TTTTCACAGT AGATCTTCAT TGAATAAATA GTTCTGTTTC
383751 ATATAAAGGT TTTGGTTTTA TATAACACTT AACTGTTAGA GGTAAACAA
383801 ATAGCAGTGT ACTAGCATGA AGAAAAATTG TATTTGGTAA AGAAAACTAC
383851 ATTTTAGGCT GTACTAAACT GTATGCTTAA TTAGTGGTTT GAGAAAAGAG
383901 AAAATGTAAT TCTTCTGGA GGCCATGGAG TTTCCCTTTT TTTATTCCTT
383951 ATTTTTTTCT CTCTCTCTTA AAAGAAAATC CTCGTAATAG TTCAATTAAT
384001 CATGTTTTAT CTTCTGAAG TATGTTATTT CTCAAATGTG TGGGAGAAGT
384051 TGGCTTTCTT AAGGAAATGT AAGACTGTGT AGCAGCTTTT TTCCTTTTTA
384101 GTCATTGGCT TCTTGAATC CTATTCATGT TGTAAAAACA TTTACTTTGT
384151 TAGTGCTTCA TTTTCAGAAA GGATGGCTCC AAAGCACTGT CTTGATTAAT
384201 TTTAACTTAT TTGTGACTTT CAAAGAGATA GGAGTAGACC TTATAAAAAT
384251 ACATTTGCAT TTAGGTCATT AAAAATTAAA ATTGACCAAT TCAAACAAAT

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384301 TAAAGGGAAA CAGGAATAAT AATTCTGTAA TTCTAAACTC AGTTTTCTGC
384351 AAGAAGAAAA AAAGGAGACA ATTAATAAAA TAACCTATTG TCTTATTAAA
384401 AAAGGAAAGA GAGAGAGAGT ATGGAGGAAT ATTTAACAAG CAAATGGAAG
384451 CAAAAAAAAG CAGGGGTTTG AAATCCTAGT CTCTGATAAA ACAAACTTTA
384501 AACCAACAAA GATCAGAAAA GACAAAGAAG GGCATTACAT AATGGTAAAG
384551 AGACTGATGT AACAGAAGA CCTAACTATC CTAAATATAT ATGCACCCAG
384601 TAAAGGAGCA CCCAGATTCA TAAAACAAGT TCTTAGAGAC CTACAAAGAG
384651 ACTTAGACTC CCTCGTGATA ATAGTGGGAG ACTTTAACAC CCCACTCTCA
384701 ATATTAGACA GATCGAGACA CAAAATTAAC AAGGATATTC AAGACTTGAA
384751 CTCAGCTGTG GATCAAGTGG ACGTAATAGA TGTCTACAGA ACTCTCCACC
384801 CCAAATCAGT AGAATATACA TTCTTCTCAG TGCCACATGA CACTTATTCT
384851 AAAATCGACC ACATAATTGC AAGTAAAAAC CTCCTCAGCA AATGCAAAAG
384901 AATGGAAATT ATATAAGGAA TGTATAAATT ATAATTTGTA TAATGTATAA
384951 ATTATAAATT CCATTATGTA TTATGGAAAT TATAACATTA TAAAATATAA
385001 CCACAGTCCA ATCAAAATTAG AACTCAGGAT TAAGAAATTA CTCAAACCT
385051 CACAACCTACA TGGAAATTGA ACAACCTGCT CCTGAATGAC TGCTGAGTAG
385101 AGAAAGAAAT TAAGGCAGAA ATCAAGAAGT TCTTTGAAAC CAATGAGAAC
385151 AAAGAGACAA CATACCAGAA TCTCTGGGAC ACAGTTAAAA CAGTGTTAAG
385201 AGGGAAATTT ATAGCACTAA TTGCCACAT CAGAAAGCTG GGAAGATCTC
385251 AATCAACAC CCTAACATCA CAATTAAGAG AACTAGAGAA GCAAGAGCAA
385301 ACAAAATTCAG AAGCTAGCAG AAGACAAGAA ATAAGTAAGA TAAGAACAGA
385351 ACTGAAGGAG ATCGAGACAC GAAAAACCTT TCAAAAAATC AATGAATTCA
385401 GGAGCCGGCT TTTTGAAAGG ATTAACAAAA TAGATAGACC ACTAGCTAGA
385451 CTAATAAAGA AGAAAAGAGA AGAATCAAAT AGACACAATA AAAAAATGAT
385501 AAAGGGGATG TCACCACTGA CCCTACAGAA ATACAAACCA CCATCAGAGA
385551 ATAATATAAA CACCTCTATG CAAATAAACT AGAAAATCTA GAAGAAATGG
385601 ATAAATTCCT GGACACATAC ACCATCCCAA GACTCAACCA GTAAGAAATC
385651 AAATCCCTGA ATAACTGAT AACAAGTTCT GAAATTGAGG CAGTAATTAA
385701 TAGCCTACTA ACCAAAAAAA GCCCAGGACC AGACGGATTT ACAGCTGAAT
385751 TCTACCAGAG GTACAAAGAG GAGCTGGTAC TATTCCTTCT GAACTATTC
385801 CAAACAACAG AAAAAAGAGG ACTTCTCCCT AACTCATTTT ATGGGGCCAG
385851 AATCATCCTG ATACCAAAAC CCAGCAGACA TACACACAAA AAAGAGAAAA
385901 CTTAGACCA ATATCCCTGA TGAACATTGA TGTGAAGATC CTCTATAAAA
385951 TACTGGCAAA CCAAATCCAG CAGGGCATCA AAAAGTTTAT CCACCATGAT
386001 CAAGTCGGCT TCATCCCTGG GACGCAAGGG CTGGTTCAAC ATATGAAAAT
386051 CAATAAACAT AAGCCATCAT GTAAACAGAA CCAATGACAA AATTACATC
386101 ATCTCAGTAG ATGCAGGAAA GGCCTTTGAT AAAATTCAAC ATCCCTACAT
386151 GTTTAAACT CTCAATAAAT TAGACATTGA TGGACATAT CTCAAAATGA
386201 TAAGAGCTAT TTATGACAAA CCCATAGCCA ATATCATACT GAGTAGGCAA
386251 ATGCAGGCAG CATTCCCTTT GGAACCTGAC ACAAGACAAG GATGCCCTCT
386301 CTCACCACTC CTATTCAAGA TAGTATTGGA AGTTCTGGCC AGGGCAATCA
386351 GGCAAGAGAA AGAAATAAAG CGTATTCAAA TAGGAATAGA GGAAGTCAGA
386401 TTGTCTCTTT TGGCAGCTGA CATGATTCTA TATTTAGAAA ACCCATCTT
386451 CTGAGCCGAA ACACTTCTTA AGCTGATAAA CAACTTCAGG AAAGTCTCAG
386501 GATACAAAAT CAATGTGCAA AAACGACAAG CATTCCTGTA CACCAACAAT
386551 ACACAAGCAG AGGGCCAAAT CATGAATGAA CTTCTGTTCA CAATTGCTAC
386601 GAAGAGAATA AAACCTTACAA GGGGTGTGAA GGACTTCTTC AAGGAGAACT
386651 ACAAATCACT GCTCAAGAAA ATAAGAGAGG ACACAAACAA ATGGAAAAAC
386701 ATTCCATGCT CATGGATGGG AAGAATCAAT ATCATGAAAA TGGCCATACT
386751 GTCCAAAGTA ATTTATAGAT TCAATGCTAT TGCCATCAAG CTACCATTGA
386801 CTTTCTTCAC AGAAATAGAA AAAATCTACT TTAATTTTCA TATGGAATCA
386851 AAAAGAGCT GGTATAGCCA AGACAATCCT AAGCAAAAAT AACAAAGCTG
386901 GAGGTATCAC GCTACCTGAC TTCAAACCTAT GCTACATGGC TACAGTAACC
386951 AAAACAACAT CTGACTTGTA CCAAAACAGA TATACAGACC AATGGAACAG
387001 AACAGAGGCC TCAGAAATAT CACCACACAT ATACAACAAC CTGATATTCTG
387051 ACAAACCTGA CCAAAGCAAT GAGGAAAGGA TTCCCTATTT CATAAATAGT
387101 GCTGGGAAAA CTGGCTAGCC ATATGCAGAA AACTGAAACT GGACCTCTTC
387151 GATACACCTT ATAGAAAAAT TAACTCAAAA TGGATTAAAG ACTTAAATGT
387201 AAAAACCAAC ACTGTAAAAA CTCTAGAAGA AAACCTAGGC ACTACCATTT
387251 AGGACATAGG CTGGGGCAAA GACTTCATGA CTGAAACACC AAAAGCAATT
387301 GCAACAAAAG CCAAAATTTA CATATGTATC TAATTAAACT AAAGAGCTTC
387351 TGCACAGAAA AAGAACTAG CATCAGGCTG AACAGGCAAC CTACAGAATG
387401 GGAGAAAATT TCTCCAATCT ACCCATCTGG CAAAGTTCTA ATATCTAGAA

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387451 TCTACAAGGA ACTTAAATTT TACAAGAAAA AAACAACCCC ATCAAAAAGT
387501 GGGTGAAGGA TATGAACACA CATTCTCAAA AGAACACATT TATGTGGCCA
387551 AGAAACATAT GAAAAAAGC TCTTCACCAC TGATCATTAG AGAAATGCAA
387601 ATTAACCA CAGTGAGATA CCATCTCATG ACAGTCAGAA TGACGATTAT
387651 TAAAAGATCA AGAAACAAAG ACGCTGGCAA GGCTGTGGAG AAACAGGAAT
387701 GCTTTTACAC TGTGTTGGG AGTGTAATTT AGTTCAACCA TTGTGGAAGA
387751 CAGTGTGGCA ATTCCCTCAAG AATCTGGAAC CAGAAATACC ATTTGACCCA
387801 GCAATCCCAT TACTGGGTAT ATCCCCAAG GATTATAAAT CATTCTACTA
387851 TAAAGACACA TGCACATGTA TGTTTCATTGC AGCACTATTC ACAATAGCAA
387901 AGACTTGGAA CCAACACAAA TGCCCATCAA TGATAGACTG GATAAAGACA
387951 ATGTAGCACA TGTACACCAT GGAATACTAT GCAGCCATAA AAAAGAATGA
388001 GATCATATTC CTTTGCAGGG ACATGGACAA TGCTGGAAGC CATCATTTCTC
388051 AGCAAATAA CACAGGAACA GAAACCAAA CACTGCATGT TCTCACTTAT
388101 AAGTGGGAGT TGAACATGA GAACACATGG ACACAGGGAG GGGAAACAACA
388151 CACACCCACA CAGAGGCCTG TTGGGGTAGG GGGCAAGAGG AGGGAGAGCA
388201 TTAGGACAAA TACCTAATGC ATGTGGGGCT TAAAAGCTAG ATGATGGGTT
388251 GATAGGTGCA GCAAACCACC ATGGTACATG TATACCTATG TAACAAACCT
388301 GCACATTCTA TACATGTATC CTGGAACCTA AAGTGAAATA AAAATGAAAT
388351 AAAATAAGAG AGAGAGAGGA AACTTTTAA TTCCTTGAGA GACCAACCGT
388401 TTCCTAGAAA CGAATATTAA AAGAAATATG TAATGCAAAAT ATTTATTAAA
388451 ATGACATTAA ACAATGTAAA CATTTAGTGG CAGTTTCTG AGAAAAATGC
388501 AAAAATATAC TTCTTATATA TTCAATCCAG AATGAAAGCT TGAAGGTTTA
388551 ATATGTAAT CTAGCAAAGT AAAAGTATTT CAGTAAGAGA CCTAAGGTGA
388601 TGAGTCTCTG AAATGTGGCT GTATTTTAAAT CTAACCTAAT GAGCAATGTA
388651 GCTAAGTACA CTCAGAGCAA TGGACCTCTG CAGTTAGCAT CTCTGAGTAT
388701 CTTGGAACAT GATTTTCCCA TCCACCAACT TAACAGAAGC TTGATGTCAA
388751 AGAGTTCAAG GTTGGGCAAA ATTGGGGTTG TGTCCAGTCT GTATGGCTGA
388801 ACACAGATCT ACATAATATG AACTAGATAT GCAGAAGGCA AAGTAAACAT
388851 TCTGCTGTGT AAACAGGAAT CTAAATTTGC CTAATAAGAA ACCAACTCAA
388901 TTCTTACAGA GGTAAAGCTC TATGATGTTT GTAAACCTAT TTCTTTTTTT
388951 CAATCAGGAA ACTCCATTCT TAACTATCTT AGACATTTCT GAATAAGATT
389001 CTAGAATTCT TTTCTTAACC TGTTTATTTT GAAAAATTTT AAGTTTATTA
389051 TAAATAAATA GTAACATCC ATCATTCACT TTCAATAAAA ATCAATATAC
389101 AGCTAAAATT CAGACCTTTCT CTCTCCTTCT TCTCCCCAA CTCTGGATTG
389151 TTCTGAGGCA AAGCCCAAAT ATTATAACAT TTCCTTTATA AATATTTTAC
389201 TCTGTACTCT GAAAAGGTAA AGACTATTTT TAAAAGCACA TAACTATAAT
389251 ATCATTTCCG TATCTACAAA CAATAATTGT CAATAATTTT TGTGATAGTT
389301 TGTCTCCAAG ATAACCCTAA CTGATTGAAT CCTTCCTTTC CACATGCATA
389351 TCATTTCCCT GTCAAGAGAT AGAGAGCATT CCCCTACTTT CATGAATCTG
389401 GGCTGGCCTG CTCTCACTTT TCCCAATAGA ATATGGCACA AGTGAGGCTA
389451 TAGAAGTTCT AGACCTTGAC CTGAAGAAGC CTGGGAGTTT CCACTTCTTT
389501 TGGGAGTGCT GAGCCACCAC ATCTTACTAC CCTGCTTAAG AGACCATAGG
389551 AGAGAACATA TCTATTTATT TATTGATTGA TCAAACATATC TATCTACATA
389601 TATAGAGAGA GACCCAGCCA CTCCAGCATC TTGGGTGAGC CCAGCCTTCC
389651 AACTATCTTC ATCAAAGTAC TAGACATGTG AATGAAGCCT TCTTGGAATC
389701 TCCACACAAG CTCCCCCACC AACTAAACAT CACTGAATTA CCCCAGTTGA
389751 CATTCTGTGG AGAAGAAAAA TTGACTAGCC AAGACCTGCC TAAATTTTGG
389801 ATCCATAGAA TCATAAGTAA CAAAATGACT ACTTTAGGTC ACTATGTTTT
389851 GGTGTTGATTT GATACAAGGA ATAGATAACT AAAACAATTC TGTAATATTA
389901 TCAATATTCA GTCAATATAC AGCTTTATCC AATCAGTTTT TAAATATTTT
389951 GGATAGAGTT GGTTCGTTTG AACCAGGATT TCAACAGATA ACCCTAGAAC
390001 TCAAAACAAT AATGAAAATA TTTTATGCAT CTGTAAACAT TTCCCATTTT
390051 ACCAACTACT TTTATAAAAA ATATCTGATG TTATATGGTA GCTCTGGATA
390101 GATAGGTGGT TTTTGCAAAG ATTACTATCT ACATTACACA ATTTTTTTTA
390151 AAAAAGAACT AGGTCTAGAG ATTAAATGGC ATATCAGAAC AATTGTATCT
390201 GGAATCAAAA CCCAGATTGT AGAATTTAAG GTCTAGTGCT CTTTCCTTTA
390251 TTCCAAACAC TTCAAAGATT TATATTACCT GATTGGGTCT AATAAGATTT
390301 GCTATTATTG GAACCATAAA GAAACAAGTA TTTCTCCACT CCTCATCCTT
390351 ATACCCTGAG ATGTATCTAT TCTCAAATAT ATCCCCTCCT CTCATTTTCT
390401 GCCACCTGGT TCTAGTGTA GGCTTCCATT ACTTCCCTCC TGGCATACCA
390451 AAGTCCTAAT TGATCTCTAA GTATCTGGTC TTGATCCTCT TTCATTTTTC
390501 CTCCATTCCA TTGCCAGATG CATCTGTCAA AAACCAAACCT TGGCCACCTT
390551 GATTCTCTG CTAATAATA TTTAATAATT CTCAAACCTGA TATCCATAGA

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390601 AAGAAATGTT CTCAGAAGGC CACGAGTCCT GAAAAATCTT CAAAATTCCT
390651 GTATCTTGGT GAAAAATTAA AACAATAAAT ATAAGAATCT TCTGAATCAT
390701 TAAGATGATT ACCTAATAAC AAAGTACTGC CATCTACCTG ATTACAGTAA
390751 TGATGACTGC ATTTGGATTT ACCTCATGAT GCTAATGCTT GCTATATAAA
390801 TAAAGCTTTT TGAAGTTGTT TGGCTATTAA AAGTCATGAG ACAATTAAAC
390851 GGTACATAAA AACATGCATA ATGATGCAGA AATCAAAAAGA ACCAGTACCA
390901 TAACATTTGA TACCATACCA GTTCTACAA ATGCATTGTC AAAACACACT
390951 CCATTGTTAT ACATACCAAA TTGCAGTGGT TCTGTGTCAA TGGGCGTATT
391001 GGAATACAAC ACATGAACCT CCAGTACTAA GAGATAATGT GTTTAGATAA
391051 TCACTTAATG TAGAATTCAA TAATGCCCTA AAGCTAAACT TAAGTAAAGA
391101 AAAATATTTG TATAGTTTTT AAGTAACACC ATTTAAATTG GCTTTTGAAG
391151 CCTAATAGGA ACAGAGTTCA CATTAAGAAT TAGGTTAGTT TATCATGATA
391201 ACGCAAGTAA ATCTTTGAAG TTGGTAATAC TACTCTGACA ACATACTTTT
391251 TCACAAATAA CATTAAAGATT AGAACAGAGA AAAATGTTGT ATCTATTAGA
391301 TTAAGCCATA CACATAGTTC AAATTTCAAT CATTTTTGAT CTACAGAAAT
391351 GTCAGATATT GAGTTAGTAA TGAGAGTTTG AATTCACTGT TTTATAAATA
391401 TTTTATTTTC AAGTGTTTTT ATTTTTTGTC ATTGTATTAG TTTTTTCAGG
391451 GCTGCCATAA TAAACTACCA CAAGCTGAGT GGCTTAAGAC AACAGAAGTT
391501 TATTTTTGCA CAATCTGTGT GTCTAGAAGT CTGAAATCAA GATGTGGGCA
391551 AGGTTGTTTC CTCTGGAGG TTCTGAGGGA AAATACATCC TGTGCCTGTC
391601 TCTATTTGAG GTTCTGGTGG CTGTGGACAA TCCACAGCAT TCCTTGGCTT
391651 GCAGCTGTAT CTGCTCCCGT GACACATGGC ATTTTGGTTG TGTGCTTTTC
391701 TGTCTCTGTA TCCAACTTC TCTCTCTTA TAGGGATACC AGTTATTGGA
391751 TTAAGGCCCA CCCCACCACT CTGTGACCTC ATCTTAACCT GATTTATATC
391801 TACAAAACC CTCTTTCCAA ATAAAGTCAC ATTCATAGGT ACTGGGAATT
391851 ATGACTTCAA CACATCCTTG TAGGGTACAC AATTTAACC ACAAGTCATA
391901 TTAAGAGTTA TAAGCATAAG AAGTTCTAAT CTGTTTTTAT TTTTGAACAT
391951 ATTTATCTAA CATTGTAAAT AAGAATAATA TAAATCCTGC AATAATTGTC
392001 TTTCTTTTAA AAAAAAGAGC CTGTATATTA TTCCTGTATG AGAAGGTTGA
392051 CCTAAAGTAC AGAGCCTGAG ATCCCTATCC AGTCACATTA GACCTTCAGC
392101 AACCTGGAAC TGGCCCTCTC CATGCCCCTC CTCTACCCTA CTTCCCTGGC
392151 ATTTTATTCT TTAGTAAAT ATAAGGCTGC TTACAATTCC CCAACACACA
392201 ACACATGATT TTATGCTTTC TTACCCTTGT TCATTCTGTC CCTCTGCTT
392251 GTAATATCCT TCCCTTCCCA ACTTCCTCAT CCCTTAGCTG TGTCTTTTC
392301 TGAATCCTAT TCAGTCTCAG TTCAACTGCC ATCTTTTCCC AAAAATCCTC
392351 TGTGAAGACT ACCCACCTAC TCCATCAGCA CCATCACCAA TCCCAGGCC
392401 TGAGTGAAGT GGACCTCAAG GGGACTCCCA TTTTCCCACA CATCTGTCTC
392451 CAAACAGACT ACAAACTCCA AGATCTCAGG GACAGTGTCT TCCCCATCTT
392501 TCAATCTCCA GCTCTTAGCA CAGTGGTCAT CTGAATGTTA AATGAAGTG
392551 TGCCTGTGTG CCTATGTGGG ATGGAAAGAG TTTGAGCCAC AGTTCCAAGA
392601 TTGCTGTTTG CATTCTAATT CATACTTCTG CTAAAAGAGG TATTGCAATT
392651 GCCCCATGTG GGAGGTTAGT ATCGGAAGTT TGTACCTAA GCAGTGAGCA
392701 AACTCACACA AATATACCTG TCATTAAAAG TGACTTATTT TTCTCTTTG
392751 ATTGACTACA CGCCTTTTTT ATGAAAAAGA TTTGTGGATT TAAGGATATG
392801 GAAAGATCTC AGCAGCTCAA AAATTTTAGT CTGTTTTGTC TGGAGTGCCC
392851 TGGGTACACA GGAATCTAAT GGAAGAAAG ACTAGAAAAGA TGGAAATGGG
392901 CCATATTTTA AATGACTTTA ATGACTTTGA AAGCCAAAAT AAAGCTGTGT
392951 ATTTTGCTTT CTATATACTG AGTAGTCTG CTTTTCTAGA AAGGAACATG
393001 ACATATTTCC TTTTGTACAG ACCAAAATGT CACACACTGG TTCTCTATAC
393051 TAAGCATAAT GGGATCAGAG TTCTATTAAT CTGTACTTCT AAAATGACAG
393101 ATAATTTAAT TACTCCCGTT TGGATTTTGA AAGTCATATA CTTATATATG
393151 TGTGTATCTT GGACTTTCAA TATTTACAG ATAACAAAAT CACTTTATTT
393201 TCCAGATTGC TCTTTTGCTA ATAATTAGCT GCCATCATTT CTCATAATAG
393251 CTTAAAATAA AACCTGTTC TCTCTATAAA CTGGCTGGTT CAAATTTACA
393301 GTGGACTGAT TAAGTGGTCA GGTGAGATTC TTTATTATTT TTTGAAAAC
393351 AGTTAAAGTA GTTTAGCAGT TATCAAAAAG CAGCTTGCC TATTTTAGCT
393401 GAATCTTTTG TTATATTTAA AAGTTATATT GTGCTCATT TGGGGTTATT
393451 TAACTTTCAA AGTCCTTTTA AAAGTAGGGA TGGTAACTCA TTAGTGGGG
393501 ATAAAAAGGT ACGAGATATG ACAATAAATA TAAGATTTAA ATTTCAAGTA
393551 CACGTGACAT AATTCATTAC TACAGTCAAG TTAACAACAC ATGAATAGAA
393601 TTGCCAAAAA CACAGAAATA AACTCTCTG ACTAACCAAT GGAGGATTAC
393651 CTGAGATCCA TGCTGCAAAG CTGATGATGT ATTAATTGTG TTTAGAACAA
393701 TCTAGTCTAT GGAAATGTAC TCAGTGAAAT TAACTTTGAA ATAGAGCCAT

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393751 TGTATATGTG TGGGATATTC ATAGCATTAA ATTAGAACCC ACATTTCCCT
393801 TTTTAAATTG CTCTTTTAT GCCATTTGTG GAGCCATTAC AAAATTTTACAG
393851 CTTTTTAAAA CCCATATATT AAGGCTTACA TTTTACCCAA TAAATTACAC
393901 TTACTGGGTA GCTAAGTAAC CTTTTTGTGTT TGACTTTTGT TTTTAAAACT
393951 TAGTCTTAAA TCACTAAATC ATGGACTTTT CTAATTGGTA GAGACAAAAC
394001 TGTACTTTAG CTTTCATTTT TTCAGGTAA ACTAAAACCT TAAAAGGTGA
394051 ACTGTTTTAG TTTATCTGAT GCCTTATAAG GAGAATAAAT CTTGGAGGTG
394101 AAGTACCACT TGGTGTCTAA ACACCTTGCA ACATTTCCAG GTCAATATTC
394151 TGAACATCTC CTTGTAGCAT TTTCTTTTTG CAGTTCTCTA AATGTGATGG
394201 AAGGGTTGGA ATGCAAGTGT ATTTGTCCCG GAATATCAAA TACTCTCTCA
394251 ACCTTTTAAAG GAAAAGCCTC TTTTGTGTTT ATTTTAATCT CATTGTCCTT
394301 TTTTCCCTTA ATGTTAAAAA CAGATTGCAG GTGGGAAATT CTGCTTAATT
394351 AAAATTTGAA TGAGTTGGGT TTAATTTATC AAGGTGTAAT TATAAATTAA
394401 ATATATTTAG ATTAATGTG ACCATGGATC CAAGTAGACT GCTTCTATTC
394451 ATAACAACTA ATCCTTTCCT AGATTTGAAA ACTGCATTAC TAATATATCA
394501 AAACCAACTT TGTGATTTTC TAAAAACAGC CATGTATTTT TACATCTGAG
394551 ATGTACTACG TTCCAAAGGA AACAGTAACA TTCCTCAGTA TCTCAGTGGC
394601 AATATTTTAT ATTTTTCAG TGAAATTCAT ATTTATCAAG AAATGCCATT
394651 GTGATTTTCT TGAGCCAAAT ACACCTGTATA AGTTTATATG GGTTTATGTA
394701 ATGTATGTGT GTGTTTCATA AATACTTCCA AATTACATGA ATTCTCTCTA
394751 ATAAATTTTA CTGTATAATT AGTTCCTTA ATATTTGATA GGTTTACCAG
394801 ATTAAAAATG GCATATTTAT GTAGTGTATG ATTTTCTTTT GCACATTCAG
394851 GTTCTCTCTT TAGGAGCAGA TGTCTACCT GAATACAAAC TGCAGACACC
394901 ACGCATCAAC AAGTTTACGA TATTGCACTA CAGCCCTTTC AAGGCAGTCT
394951 GGGACTGGCT TATCCTGCTG TTGGTCATAT ACACCTGCTAT ATTTACTCCC
395001 TACTCTGCAG CCTTCTCTCT CAATGACAGA GAAGAACAGA AAAGACGAGA
395051 ATGTGGCTAT TCTTGTAGCC CTTTGAATGT GGTAGACTTG ATTGTGGATA
395101 TTATGTTTTAT CATAGATATT TTAATAAACT TCAGAACAAC ATATGTAAAT
395151 CAGAATGAAG AAGTGGTAAG TGATCCCGCC AAAATAGCAA TACACTACTT
395201 CAAAGGCTGG TTCCTGATTG ACATGGTTGC AGCAATTCCT TTTGACTTGC
395251 TGATTTTTTG ATCAGGTTCT GATGAGGTAA GAACCTGCTTA AGATTCTTAT
395301 TTTCTGAAAG ATTGCAATTA TAAAAGTGAA TCTATTTTAA CTGCAAAAAG
395351 AAGAGTTGCT TTGCAAGCTT CTTGTATCTC ACTGATAAAA TTCATTTTCA
395401 ATTGGGGATA CTACAGAATG AAATGAAACC ATTTTGCCAT TGCAAAATCAA
395451 ATTCTTTCTC TTTTGTCTAA GAGATGCAAA AGATTCTCCA TTCTTTACCC
395501 ACCAAATTAA ACTTGGAAC AAGTGGTCCA TAGCACACAG CACATTCCCA
395551 GGATTTAAAA TCTCTACTTA TTAACCTCAC GGGTGAAAA CTCTCAAATA
395601 TTAAGTATGT CTCTGTTTTT CTTAACTCAT TGTTAAGGTT TGAGACAGCA
395651 GAGATTTGTT TTTTGTTCAA ATTATGTGAA GAGGGCACCT TCCGAAATGT
395701 CTTATTCAAA TTGCTTTTCT CTTAAATAAT ATTCAGCTTG GAAAGTACTT
395751 TTTGTGTATC CCAATGCCTA ATAAAGTTGG AAACATAAGAA AATACGAGAA
395801 GTGTATGTAT TGTGCATTTT CTGGATAGAG AGTCCAGAAC TTTAATCAGC
395851 TCCTCAAAAG ACTCTTTGAT CCAAAAGAAG TTAAGTTTTC CTACAGTTCA
395901 CTTCACTTAA TTTCCATTAT TTTTACCATT TATAAATTTT CTGAATTCCTG
395951 TAACAGAAAG ATTTATAGAA TGCTTGAAAG TAGTTCCAAG GGAATAGGTT
396001 GAAAAAATCC TCGATATGTT GGATTTTTAA AAATTGTGTC TTTTCTACA
396051 TAAGAACCCT GCCCTGCACC AACTTCCTTC TCTCCCCAAC AAAGAGGAGA
396101 CCACCTCCTC TTGGCAGATG GCTGCTTCCT AGCCAATGAA GGCTTTAGAA
396151 CAACATAATC CTCCTCGACC AAGGGGAACC AAAAGATTTT ATTTCTAAAT
396201 CTATTTATTT GTTAGAAATA AACTCTGATC GAACGTGAG TCAGTTAAGA
396251 GCAGGGCAAT GAAACAATAC ATTTTTCCTG GGTTCACAA TTTTAAACAA
396301 AGTCCCAACC TGACTTTCCT CATCTGTAAA AGGATGATAA TAATATTACC
396351 TTCTCTCTCT GCTTTTTTTT TTCTAATTTG AGACTCTAAT GAGATAGTAC
396401 ATGTGACTCA GCAAAATACT TTTTAAAAAT CAGCTGTTCT TAATTAGCTG
396451 AACTTTTAAT ATTAGCTACT CCTAACTTTG GGTTTTAACT AAAAGAGAGT
396501 GAAATACTTC TTTATTAATA TATATCTTTG AGTTTCTTAT AATGGGTGGT
396551 TCACATCATT GCACCAATA AGCTTATGTT GATGAACAA AAAATAAAAC
396601 CTCATTCTTT CAAAAGTTAA AATATATGCA CCAACAGCAA ACATTAGTGA
396651 TTTGTAGACA AGCTTAGAAG TATAATGGGA GAAGTTGTAA GAAGTTGTG
396701 TCTTTTAAAT TTTAAAGTCT GAATTTTAAA ATGCACTAAA AATTCTGGAC
396751 ATAATGTAAG TGTTACCCCC AAATTTAAAT CTAGTACTGC TGCCAATGTA
396801 GATCTTAGAA CTAGAAGTAA CCACAGGAAA TTATCTAGTT CAATCCTCTG
396851 CCTAGGAAGC TAAAGTACTA TTTACAGAAT GAGACTGTTG AAACCTAGAA

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396901 TTGTTTCAGTG ATGCTCTCAG TTCTATTTTC TGCATTACTC TTAATTACTA
396951 ATATAATACT TTATTTATTC AAAAATTTT TGTTAGGTAC CCTTCAAAGT
397001 GACAGCCACT GTCCTAGGTT TAGAGATTCA GAAGTAAATC AGACAAAGTT
397051 TGTGTTGTCC AGGAACTTAC ATTCTAGAAT TGAGGAAGAG GGGTAGGGGA
397101 TGGCAGAGGG CAAAAGACCA TTAATAAACA AACCACAAA CACAGTGCAG
397151 AAAGGTTTCA GGAAGAGTA AATGCTGTGA TGATAGCAAA GCAGGTGGAT
397201 GTGATAGAGA ATGACCTGGA TGGATGGCTA ATTTGAATTG GAAATTACAA
397251 AAGGCCAGTA AGGAGAGGCC ATTTGAGTTG AGACTTGATA GGAAGCAACC
397301 ATCCACATGA GACCACCGTG CAGAGCATT CACACAGAAG GAAACACTAG
397351 TGAAAATGTC GCATTTGGGG AACAAGTTTG TTATGGTAGA GGAACAGAAA
397401 GATGGCTGGT GGCTGCCAGG CTGAACCACA CAGTAAGAGG TGAATGCTA
397451 AGGTTTGAGA AGGCAGAGAC AGAGACCAAA TCACCTAGAT ATGTGGGATT
397501 TCTTACTTAT TCTGGCTGCA ATGGAGTCTT TGGACAGGA ATGATACTAT
397551 CCGATGGACA TTTTGAAGAC TGCAAAGGCT GTCATCTGCA GACTGGAGAG
397601 TCAGGCTAGG AGCAGGGAAC TAGTTCAGAC CACATGTTGT GATGCAGGAC
397651 AAAACAAC (SEQ ID NO:3)

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FEATURES:

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Start: 2192
Exon: 2192-2267
Intron: 2268-3942
Exon: 3943-4173
Intron: 4174-304169
Exon: 304170-304325
Intron: 304326-323096
Exon: 323097-323525
Intron: 323526-328583
Exon: 328584-328604
Intron: 328605-329034
Exon: 329035-329058
Intron: 329059-336600
Exon: 336601-336815
Intron: 336816-394850
Exon: 394851-395288
Stop: 395289

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CHROMOSOME MAP POSITION:

Chromosome 2

ALLELIC VARIANTS (SNPs):

| Position | Major | Minor | Domain |
|----------|-------|-------|-----------------|
| 83 | G | T | Beyond ORF (5') |
| 2342 | G | C | Intron |
| 2620 | G | A | Intron |
| 2884 | C | A | Intron |
| 3196 | G | C | Intron |
| 4531 | C | T | Intron |
| 5282 | G | A | Intron |
| 5329 | - | G | Intron |
| 6291 | A | C | Intron |
| 7001 | G | A | Intron |
| 7424 | T | - | Intron |
| 7951 | G | T | Intron |
| 8053 | C | A | Intron |
| 8073 | A | G | Intron |
| 8146 | T | G | Intron |
| 9134 | G | C | Intron |
| 9548 | A | G | Intron |
| 10230 | A | G | Intron |

FIGURE 3, page 127 of 173

| | | | |
|-------|---|-----|--------|
| 10777 | C | T | Intron |
| 10860 | - | A | Intron |
| 12462 | T | C | Intron |
| 13062 | A | C | Intron |
| 13245 | A | C | Intron |
| 13334 | G | A | Intron |
| 14049 | G | T | Intron |
| 14693 | - | G T | Intron |
| 14695 | - | C T | Intron |
| 14725 | C | A | Intron |
| 14777 | C | G | Intron |
| 17466 | T | C | Intron |
| 18095 | G | T | Intron |
| 19740 | A | G | Intron |
| 20813 | G | A | Intron |
| 22158 | C | A | Intron |
| 22227 | C | T | Intron |
| 22311 | A | G | Intron |
| 22414 | G | A | Intron |
| 23458 | C | G | Intron |
| 26694 | T | C | Intron |
| 26713 | G | A | Intron |
| 27014 | A | G | Intron |
| 27467 | C | T | Intron |
| 28916 | T | G | Intron |
| 29522 | C | T | Intron |
| 31683 | G | A | Intron |
| 33358 | A | T | Intron |
| 33387 | G | C | Intron |
| 33753 | T | C | Intron |
| 34779 | A | G | Intron |
| 36788 | - | T | Intron |
| 36982 | T | C | Intron |
| 40138 | C | T | Intron |
| 40309 | A | T | Intron |
| 40317 | T | C | Intron |
| 46648 | G | C | Intron |
| 49505 | A | G | Intron |
| 51788 | T | G | Intron |
| 52526 | A | G | Intron |
| 53801 | G | T | Intron |
| 53850 | C | T | Intron |
| 55143 | A | - | Intron |
| 55329 | C | G | Intron |
| 55687 | A | G | Intron |
| 57549 | C | T | Intron |
| 57606 | A | G | Intron |
| 58429 | C | T | Intron |
| 58431 | T | A | Intron |
| 58840 | G | A | Intron |
| 60138 | T | G | Intron |
| 61350 | A | G | Intron |
| 61836 | A | C | Intron |
| 62048 | - | C | Intron |
| 62721 | G | A | Intron |
| 62885 | A | G | Intron |
| 62888 | C | T | Intron |
| 63035 | T | G | Intron |
| 64406 | A | G | Intron |
| 65296 | G | A | Intron |
| 67742 | C | A | Intron |
| 68243 | C | T | Intron |
| 69166 | A | C | Intron |

FIGURE 3, page 128 of 173

| | | | |
|--------|---|---|--------|
| 69995 | G | A | Intron |
| 70210 | A | G | Intron |
| 70462 | C | A | Intron |
| 70720 | G | A | Intron |
| 72360 | - | A | Intron |
| 72401 | G | A | Intron |
| 72570 | G | A | Intron |
| 72584 | G | A | Intron |
| 73275 | G | A | Intron |
| 73791 | G | A | Intron |
| 76421 | A | G | Intron |
| 77992 | G | C | Intron |
| 78635 | G | T | Intron |
| 78820 | C | A | Intron |
| 80042 | C | T | Intron |
| 80451 | A | T | Intron |
| 81151 | C | G | Intron |
| 81254 | G | C | Intron |
| 82108 | T | C | Intron |
| 82419 | A | G | Intron |
| 83717 | G | T | Intron |
| 84656 | G | A | Intron |
| 85140 | T | C | Intron |
| 86005 | C | T | Intron |
| 86184 | T | C | Intron |
| 93033 | T | C | Intron |
| 93692 | G | C | Intron |
| 126082 | C | T | Intron |
| 204093 | T | C | Intron |
| 204914 | A | G | Intron |
| 205059 | A | C | Intron |
| 205837 | A | - | Intron |
| 206128 | G | C | Intron |
| 206200 | G | C | Intron |
| 206689 | C | G | Intron |
| 210421 | G | A | Intron |
| 210911 | G | A | Intron |
| 211725 | C | G | Intron |
| 213750 | T | A | Intron |
| 213839 | T | A | Intron |
| 214452 | T | C | Intron |
| 216135 | G | A | Intron |
| 218389 | G | A | Intron |
| 218745 | A | G | Intron |
| 219062 | A | C | Intron |
| 220691 | C | A | Intron |
| 220741 | A | C | Intron |
| 220752 | T | - | Intron |
| 220942 | T | C | Intron |
| 221654 | C | G | Intron |
| 222261 | C | G | Intron |
| 223071 | G | A | Intron |
| 226801 | C | A | Intron |
| 227089 | T | C | Intron |
| 228524 | T | C | Intron |
| 230015 | A | T | Intron |
| 230439 | T | C | Intron |
| 231732 | A | G | Intron |
| 232676 | G | A | Intron |
| 236427 | C | T | Intron |
| 236481 | G | C | Intron |
| 238464 | T | C | Intron |
| 243458 | C | T | Intron |

FIGURE 3, page 129 of 173

| | | | |
|--------|---|-----|--------|
| 243663 | G | A | Intron |
| 246747 | C | T | Intron |
| 249097 | A | G | Intron |
| 249256 | G | A | Intron |
| 249312 | T | C | Intron |
| 252710 | T | A | Intron |
| 253417 | A | G | Intron |
| 253793 | A | T | Intron |
| 255763 | G | A | Intron |
| 256003 | - | A | Intron |
| 256094 | A | T | Intron |
| 256435 | T | G | Intron |
| 256459 | T | C | Intron |
| 257853 | T | - | Intron |
| 257940 | G | A | Intron |
| 258153 | A | T | Intron |
| 258404 | C | T | Intron |
| 258614 | A | T | Intron |
| 259315 | A | - | Intron |
| 260136 | C | T | Intron |
| 260353 | C | T | Intron |
| 260430 | G | A | Intron |
| 260682 | C | G | Intron |
| 261374 | G | A | Intron |
| 267289 | C | T | Intron |
| 267352 | C | T | Intron |
| 273044 | G | T | Intron |
| 273076 | C | T | Intron |
| 275029 | G | A | Intron |
| 275637 | T | C | Intron |
| 276093 | - | G | Intron |
| 276111 | C | G | Intron |
| 276371 | T | C | Intron |
| 280114 | G | A | Intron |
| 280136 | T | C | Intron |
| 280426 | T | C | Intron |
| 280499 | A | G | Intron |
| 280562 | C | T | Intron |
| 280988 | C | T | Intron |
| 281073 | T | C | Intron |
| 281795 | G | T | Intron |
| 281891 | C | T | Intron |
| 288129 | T | A | Intron |
| 288290 | G | A | Intron |
| 294456 | T | C | Intron |
| 296074 | C | T | Intron |
| 307709 | T | A | Intron |
| 317082 | C | T | Intron |
| 320064 | - | P G | Intron |
| 329489 | A | G | Intron |
| 331494 | C | T | Intron |
| 331495 | A | G | Intron |
| 331639 | C | T | Intron |
| 335338 | G | A | Intron |
| 336083 | T | C | Intron |
| 337436 | C | T | Intron |
| 339231 | C | A | Intron |
| 340390 | A | G | Intron |
| 346171 | T | C | Intron |
| 347381 | - | T | Intron |
| 347813 | T | C | Intron |
| 352440 | G | A | Intron |
| 352503 | C | T | Intron |

FIGURE 3, page 130 of 173

| | | | |
|--------|---|---|--------|
| 355895 | G | A | Intron |
| 357029 | G | C | Intron |
| 357738 | - | A | Intron |
| 357836 | G | A | Intron |
| 360817 | A | T | Intron |
| 362566 | T | C | Intron |
| 364521 | - | C | Intron |
| 366393 | A | C | Intron |
| 367405 | G | A | Intron |
| 367694 | T | A | Intron |
| 371966 | C | T | Intron |
| 382277 | T | - | Intron |
| 392081 | A | T | Intron |

Context:

DNA

Position

83 CTAGAAGAGCCTAGAGGTTTTCTTGGCTGCTTACTTTTAAAGTAAACCTTATTAGCCAT
AAAATTCAACATTCTAGGAAC
[G, T]
TCTTCCGTTTGATTCAATTTTCATTACTCTGATATTAAAGAGGAAGAATTACTTCGGTTCT
TGATTTTGTGTTAGATTTGGGGGGTTGTGGTTTGGGAACATAAAAGTTGTATGCTTACTT
CCTGGTTATTGCAACCCACCTGATTCACCTTCCTAAACTAACCTGCTTCTCGGCCCTTC
TCAGTTCTACTCTCATTATTTCACTTCAGATTTGAAGCTGTAAGTGAAGAAATAAGAACC
CAGCTGACTCAAGGCACAGGCATAGCAGGCTAATGAGCTGCAAGAACCCCCCAAATTC

2342 GGTGCTAATGGGAAGAGAATTCTGGTTTCAAAAGAGGATGCTCTGCCACAAAGAGCGGCT
CGCGCGCTGGCCTGGGCTCTAGCCGAGGAGAGATCCCCGGGAGAACTCCAGAGCTTCCGG
GGGAGCGCTACTCGGAAGACCGGGGCCAACATGCCTGTGCGCAGGGGGCATGTGGCACCA
CAAAATACATTTCTGGGGACCATCATTTCGGAATTTGAAGGGCAAAGTAAGTTCGTTTGT
TCTCTTCTCTCGCCCTCGCTTTCTGCCTTGTTAGTGCCTTGGCGTCCACCGCTTCCAAG
[G, C]
TGGGGAGACCGGCAACTCCAGGCTCTGTCAACTTAAGAGGCTGTGAAACCGAGCCAGGAG
GTTCTGAATGGCAGCGGGAGTGTCTTCTGATATTAATTTGATTACATTTTAGATTACG
GTCTCCATTATAGGAGGCAATTTGATCCTCCTCTACCACTGCTCCATTATCTGCCTTGCT
ACTTAATTTCTACTATTTCTACTATCTTAAAGGGAACGTGCTAGGATAACATGGGTTTAT
ATTTTGAGGCTGTTTTACTGTAGACTTTCTGAAAGTCGGAAGCAGAGCAGACCATACTAT

2620 CTTGGCGTCCACCGCTTCCAAGGTGGGAGACCGGCAACTCCAGGCTCTGTCAACTTAAG
AGGCTGTGAAACCGAGCCAGGAGGTTCAATGGCAGCGGGAGTGTCTTCTGATATTAAT
TTTGATTTACATTTTAGATTACGGTCTCCATTATAGGAGGCAATTTGATCCTCCTCTACC
ACTGCTCCATTATCTGCCTTGCTACTTAATTTCTACTATTCTACTATCTTAAAGGGAAC
GTGCTAGGATAACATGGGTTTATATTTTGAGGCTGTTTTACTGTAGACTTTCTGAAAGTC
[G, A]
GAAGCAGAGCAGACCATACTATTCTGAACAAGAGAATGTAAATGGTAGTAGCGATGTAAAT
GACTATGCAAACTATATTTTACCTTGGTTAAACTGCAAAGCAGTGGTATGACACGGATGC
TTGCTTGCTATTAATTTATAGAAGCTAAATTTGTATTGAATCAATGCAAATATATCCTA
AGCAGGGTAATTTGGAAAAGCAGTATCTCATCTGTGCTGGTTCCCGATGCAAATGGCTCA
TTATTCAAATAATATTTCTATTCTTTTATTATCCCTTAAATTTCCATCTAGAAATTT

2884 TTTTGAGGCTGTTTTACTGTAGACTTTCTGAAAGTCGGAAGCAGAGCAGACCATACTATT
CGAACAAAGAGAATGTAAATGGTAGTAGCGATGTAAATGACTATGCAAATATATTTTACC
TTGGTTAAACTGCAAAGCAGTGGTATGACACGGATGCTTGCTTGCTATTAATTTATAGAA
GCTAAATTTGTATTGAATCAATGCAAATATATCCTAAGCAGGGTAATTTGGAAAAGCAG
TATCTCATCTGTGCTGGTTCCCGATGCAAATGGCTCATTATTCAAATAATATTTCTATT
[C, A]
TTTTATTATCCCTTAAATTTCCATCTAGAAATTTAAAAATTGAAGTGAATAAGTAA
TCCCAAAAGACTGAATGCACAGAAATTTAATGTTCTCATGTGGACTAAATATAGGGAAT
AAATTGTTGCTATATAAATATATTAATTTAAATCCTGTATTTGTTAACTTATCTTCGGT
CTTTTCTTAAACTATATTAATACATTTGTATGCCATATATTTGCGGTTATTTTCAGCAC
TGCATTTAGTGATGTGAGGATCTGGTACCTTGCCTACAACTAACTTGTATATCCTGCT

FIGURE 3, page 131 of 173

3196 CCTTAAATTTCCATCTAGAAATTTAAAAATTGAAGTGTAAATAAGTAAATCCACAAAGA
CTGAATGCACAGAAATTTAATGTTCTCATGTGGACTAAATATAGGGAATAAATTGTTGCT
ATATAAATATATTAATTTAAATCCTGTATTTGTTAACTTATCTTCGGTCTTTTCTTAAA
ACTATATTAAATACATTTGTATGCCATATATTTGCGGTTATTTCAGCACTGCATTTAGTG
ATGTGAGGATCTGGTACCTTGCCTACAACTAACTTGTATATCCTGCTTCACAATCTAT
[G, C]
TGGAAATAGTAAATACAATCTGTGATGTAAATTAATAAGCTCTTTATATTAAGAATTCCT
GCTACTACAGAAAACCTCAAGGATCTCCCAAAGTAAAAGTAAAAGGTTGTCTGATATTT
TACTGTGTGTGTGTAATATTTTTCTTTGGGAAATATATATATGAAAATGTGAATCTT
TGCCTTGTGAATTGCTATTAAATATGAAGTAGTTTCATTACTAAAGCTAGTTGCCTTTG
TTTTTAACATGATGTGTGTAACATGCCTAAGAGAGATAGGGAGAAGCCAAAGAATAATAA

4531 CTATTAAGTTTCATATGCAAAGAAGCCCAAAATGTTCAATTGTAGATATATGCTTTGCA
TATAGTATTTTGGGATCCAACATATATGGGTATTTCTGATTAGTGGTCTGGTAGAAAACAT
TTTTTCTTTGAATAAGGGTACTGTAATCTCTTCAAAGTACAGTAACATAATGTCACTGA
GGTAAAATGCTACAAATCAGTCTTAGATGCTCCTTTCTTTAAGGAATTAGAGAAAGATG
AACATGTACTGCTTGCATTGGTATGCATTTGGTAGGCGAGAAATACAGATACAGTGTTA
[C, T]
TTGTTTGAACCTTTAAATACTCCACAAAGCAAATTTATGTTGAAAACCTATATCTAAAAC
AAAACATTACAGTTATGTCTCTTGGCTCTTTAGCTTTAGTTGATAGGCAACACCTCTTG
TTTCTTTTGTCTCTTCTTACAACATTAAGGATGATAAATAGGAACTTTTACCTTGATCCA
GTTAACCTGTGCATATTTCAAACAATAAAGGCTGTTTATGTAGTCAAGATTTGTCTGAAA
TAAGAAATGTAGAAAAAATTATGATACTGTGGAGTTATTAGTATTGATTTTTATAACTAC

5282 TATATATGTAAATGAACCTCACATATATAAATACTCAGATATGCCCATTTTAAGGTGTATA
TATAGATATATATTCCTGAATATCTATAAATCTATATCTATATATATCTATATATCTATA
CAAAATGATATTTGTCTAGGGCTTAAAGGTAAATTAACCTTAAAAAATTGAATGTTATAG
TTAATTTTGTGATATTTTCATCATCATCTATTTCTTTTATTCCACTAACAGAAATTA
GAGGCAGAGGGGTAGCTGTTTCAAGATTTTAAAGCTCTTAAGCTTTTGATAAATATGTA
[G, A]
TGTGCCATAGCCTATATCATATAATGACTCATCATTGGTATACTAGAGAGAAAAAAGA
CAGCAGGAAAAAGGTTTCAGTCTTACTCTTATTTCTTATAAATCAATGTACAATGTACA
ATTCTTAATTACTACATTTTCTTAAACATGAAGTTGAGTGGTTACAAAACATTACTAAAA
ACAGGTTTGTATAACTTTGTAGTAATCTGGAATGAAAGCAATAGTATACGTATCAACAG
ATAGAAATGTTTTTAAAGTTCTTCCCATGTTTCTTACTTTTCAATCAGTAGTGTGG

5329 TTTAAGGTGTATATATAGATATATATTCCTGAATATCTATAAATCTATATCTATATATAT
CTATATATCTATACAAAATGATATTTGTCTAGGGCTTAAAGGTAAATTAACCTTAAAAA
TTGAATGTTTATAGTTAATTTTGTGATATTTTCATCATCATCTATTTCTTTTATTCCACT
AACAGAAATTAAGGAGGAGGGGTAGCTGTTTCAAGATTTTAAAGCTCTTAAGCTTT
TGATAAATATGATGTGTCATAGCCTATATCATATAATGACTCATCATTGGTATACTA
[-, G]
AGAGAAAAAAGACAGCAGGAAAAAGGTTTCAGTCTTACTCTTATTTTCTTATAATTCAA
TGTACAATGTACAATTTCTAATTACTACATTTTCTTAAACATGAAGTTGAGTGGTTACAA
AACATTACTAAAAACAGGTTTGTATAACTTTGTAGTAATCTGGAATGAAAGCAATAGTAT
ACGTATCAACACAGATAGAAATGTTTTTAAAGTTCTTCCCATGTTTCTTACTTTTCAA
TCAGTAGTGTGGCATACTAGAAATAGCCTAATTGTTCTGTTGTCTTGAAAACATTTATT

6291 ATGATCTCAAAACACTTTAAACAAATTTAATAAGAATCACAGATATGATTAATTCCTAT
TAAATATTGAATTTTCTGTATTGAACATATTAGTATATTGACAAATACAAATCTTTCTA
TTTGAAGGATTTTCTTGGTTATATGCATTAAACTCCCTGTTTTCAGAAAGGGACTTTT
GATTTAGAGGATTTGTTGGGTATAAAGAAATTAACCTTTAGTAAAAATTTGATTCTGTT
GACTTCATTTTCAGATGTAACCTAGTCTTCAAGGATTTGAATATCTTTAGCGTTAACTAT
[A, C]
AAATCTACCTATTTTGTCTTAAATTGATATGGAAAACATGAGAAAATGGGTCAAGCATTTT
CTTTTATTTAATATTTTAAAGAAATATATTAGTTTGAATGACCTTTTAAACAGTGATGA
CACAGTCATACTTGTGCTTTGAAAGTAATAAACTTGTGTTTGGCTGCTAGTTTCAGAT
AACTTGGATAGAATCTTCAAGTGTGTCTTGGTTTATTTATATGACAACTACAAATCAGT
TAGAGCTTATGAGATACAAATCTTGGATAGTCTCATCTCTTAGAGATAAGACTACTGCC

7001 TTTTGAGTTTCTTGATTTCTTAACTGTATACAGTAAATGCTTCTTTTGCTTATTCTTTAT
TTAGCATTTTCAAGAATATGAAGAGTGATGTAATAAGCCCAATGAACAAATTAACAAAA
AGTTGATATATTCTGTTTCCATTTCTCCATTTGCTCTTACTGGAGGAGTAAAAATACGA

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CCGAGGCATTATTTTGGAAAGCTTGTTCGCTAAAGTGGCCCAGAGGCTTTATAAGCAATT
TAAACCCGTGATCTATGCAATGAGTTCACATTGATGCAGTTCATGGTGAAGTGCATGATC
[G,A]

TCATTTTGAACACCACTTCTACTATGCTTCTGTATGTGATTGTGCTAGGCACAATTAA
ACTTGCTGTTTATCAGAATATCAATTTTAAAAACCTAGTTATTTGCAGTAGGAATATTT
GACAGCTCTTCTTTGAGGATTCTATTTTACAGTTTAAAGTCATTATTGCATAAATCATCC
TTGGCAGCTGTGAAGTATTGCTTGAGGTGATAAAGCTGTAAATCTTTTGACATAAACTC
TAATTATACAAAACCTATAATTATGCTATGACTTATATAAGGATGGGCATGTATTTTAATA

7424

CAGCTCTTCCTTTGAGGATTCTATTTTACAGTTTAAAGTCATTATTGCATAAATCATCCTT
GGCAGCTGTGAAGTATTGCTTGAGGTGATAAAGCTGTAAATCTTTTGACATAAACTCTA
ATTATACAAAACCTATAATTATGCTATGACTTATATAAGGATGGGCATGTATTTTAATAGC
ATAATACATTCATTTAAAAACCTTTTTCAGCAACAAAGATTAATAATAGCAAGGACTTC
AGTTATTAACTAGTTTCATAGTTTGTAGATGATGCAAGTGGAAAGGAACAGAAAAA
[T,-]

ATTTTAGTTAGCCCCACAACCTAAGTTTATCCCTCATCTGGTTTGGAGTACATCACGGAA
GAGAGCTAGCTAGTTTAAAGTGCTAAACCCCTTCAGGCATATTACAAATGTGACTTTGAC
CTTAAATTATCAAGCACTTTAAACATTTGAAAAACAAAGTAAATTTCTCCAGGAAAA
TAAACGTCCTTACTCAGTAGGAAAGGATGACTTAAATATATTATTTTTCAGGTCAGAG
CGTTCCTGTATTTTGCCATTATGCTTTCATACACACTATGGTAGCAATTTTACTAACAGA

7951

TTTTGAGGTGAGAGCGTTCCTGTATTTTGCCATTATGCTTTCATACACACTATGGTAGCA
ATTTTACTAACAGATCAGAAATGTATGGTGCTACTTTTCTTATCTTCATGCTGCTTTTAA
AGAACTGAAGAATGATAAGGGACTGAGGGAAGTCTTGCCCTAATCCAGTCAGATATCAGT
AGAAAGTTTCAGAGGTAGATTTTGATTAAGTAACTCAGAAGAGGTCTTGGTTTGATAGC
ATTGAATTTACTATGTCTGAAAATTATGTGGAAGACCTTCTAGAAACAGCTGTGTTTTT
[G,T]

TGAATCAAGGTGAAGATGTATATTGAGTGCTCCTCTCTCTCATGTAATGTACCAGGC
ACTGTAAGAACAGTAGGAAGAGATACAAAGGAAGATGCAACCTGATCTCTGCTTCCAGGA
CATTGTATTACAGAGTGACTAATATTCATTTCCATCCTCTAAATCTCAGCTGTTTTTAT
AAAATTATTTTAAATGGAAAAAGAGTATTTGGACTATGGGGTTGTTAATGTCATAGAGAA
CCTGCAAAATTTATTATTAATTGCTATTTTCTTCTATTCCCCAAATTTAAATAAACAT

8053

TCTTCATGCTGCTTTTAAAGAACTGAAGAATGATAAGGGACTGAGGGAAGTCCTTGCCCTA
ATCCAGTCAGATATCAGTAGAAAGTTTCAGAGGTAGATTTTGATTAAGTAACTCAGAAG
AGGTCTTGGTTTGATAGCATTGAATTTACTATGTCTGAAAATTATGTGGAAGACCTTCT
AGAAACAGCTGTGTTTTTGAATCAAGGTGAAGATGTATATTGAGTGCCCTCCTCTCTCT
CTCATGTAATGTACCAGGCACTGTAAGAACAGTAGGAAGAGATACAAAGGAAGATGCAAC
[C,A]

TGATCTCTGCTTCCAGGACATTTGTATTACAGAGTGACTAATATTCATTTCCATCCTCTA
AATCTCAGCTGTTTTTATAAAATTATTTTAAATGGAAAAAGAGTATTTGGACTATGGGGT
TGTTAATTGCATAGAGAACCTGCAAAATTTATTATTAATTGCTATTTTCTCTCTATTCCC
CAAATTTAAATAAACATGCTTATGTGTATCTTCTTTTACCATTGTCTGTATACATAA
TAATGTATTAAAGAAGCAATGAAGTTTAGTTAAATTTTATTAGTACAAACAGAAATTTT

8073

AACTGAAGAATGATAAGGGACTGAGGGAAGTCCTTGCCCTAATCCAGTCAGATATCAGTAG
AAAGTTTCAGAGGTAGATTTTGATTAAGTAACTCAGAAGAGGTCTTGGTTTGATAGCAT
TGAATTTACTATGTCTGAAAATTATGTGGAAGACCTTCTAGAAACAGCTGTGTTTTTGT
GAATCAAGGTGAAGATGTATATTGAGTGCCCTCCTCTCTCTCATGTAATGTACCAGGCA
CTGTAAGAACAGTAGGAAGAGATACAAAGGAAGATGCAACCTGATCTCTGCTTCCAGGAC
[A,G]

TTTGTATTACAGAGTGACTAATATTCATTTCCATCCTCTAAATCTCAGCTGTTTTTATAA
AATTATTTTAAATGGAAAAAGAGTATTTGGACTATGGGGTTGTTAATTGCATAGAGAACC
TGCAAAATTTATTATTAATTGCTATTTTCTCTCTATTCCCCAAATTTAAATAAACATGC
TTATGTGTATCTTCTTTTACCATTGTCTGTATACATAAATGTATTAAAGAAGCAAT
GAAGTTTAGTTAAATTTTATTAGTACAAACAGAAATTTACAAAATTTTATAATAGCTT

8146

TAGATTTTGATTAAGTAACTCAGAAGAGGTCTTGGTTTGATAGCATTGAATTTACTATG
TCTGAAAATTATGTGGAAGACCTTCTAGAAACAGCTGTGTTTTTGTGAATCAAGGTGAA
GATGTATATTGAGTGCCTCCTCTCTCTCATGTAATGTACCAGGCACTGTAAGAACAGT
AGGAAGAGATACAAAGGAAGATGCAACCTGATCTCTGCTTCCAGGACATTTGTATTACAG
AGTGACTAATATTCATTTCCATCCTCTAAATCTCAGCTGTTTTTATAAAATTTATTTTAA
[T,G]

GGAAAAAGAGTATTTGGACTATGGGGTTGTTAATTGCATAGAGAACCTGCAAAATTTATT
 ATTAATTGCTATTTTCTTCTATTCCCAAATTTAAATAAACATGCTTATGTGTATCTT
 CTTTTCACCATGTGCATGTATACATAAATGTATTAAAGAAGCAATGAAGTTTAGTTAA
 AATTTTATTAGTACAAACAGAAATTTACAAAATTTCAATAAGCTTTATATAAGTTATA
 TGGCATGTAAACATTACAGCTCTCTTAATCTTGGATTGTGTAGAAGAGATACAGATGGT

9134 ACCAACATCACACCTCTAAGAAGCTCTGGTACCAACAAGAAGCCATGTTGTCTGCCAGCT
 TGAGAGAGAAATTTCTAGTTATTTTACACCCAAGGTGCTTGAGAACAGGTGAGTTAGG
 ACTGAATGAACAGGATAAGTTTAAACAGGAGAACTTGTCTTTACTGGCTTCCAAAGGTTT
 TTGGTTGGTTTGTGGTTGGTTTGGTTTGTGCTGTGTTGTTTGGTATAAATAATCT
 CTGAATCCATTGCTGGCAATCTGGCCTGCCAGGAGAGTACCCGGTTAGTTGAGCCACAGG
 [G, C]
 AAGTAACAGTTGGTGTATTAAGTTTGTAGGTGTACCATTTCATCTGGGATCTATACTAGA
 AACTTTGGTGTCAATTTTCCATTTTCTTCATCCCTCAGCTCCCTAAAGCCAAGTGGTCAC
 CAAATCCTTTCAATCTTTACATCAGAAATATTTCTCAAATAGCATTGAGAGATATTCGAA
 GTGGTCTGATTAAAGCCTGCTGTCTTCCGAAGTATTCAAGTATCTAGTTTCTCTCCCC
 GATCCATCCTCTACATACTGGGAGAGAGCTATTCCCAAACATGAATCACCTATGCTGAT

9548 TGGTCACCAAATCCTTTCAATCTTTACATCAGAAATATTTCTCAAATAGCATTGAGAGAT
 ATTCGAAGTGGTCTGATTAAAGCCTGCTGTCTTCCGAAGTATTCAAGTATCTAGTTTCT
 CTCCCCGATCCATCCTCTACATACTGGGAGAGAGCTATTCCCAAACATGAATCACCTA
 TGCTGATGGCTTATTAGCGCCAAGAATCACTGAAAGTAAATTTTATATATTAAATAGTGG
 GTACAACCATCTCATAAAATATATATTCTTATTATCTCCGTTTTGTGGAAATAACACTGA
 [A, G]
 GCCCAGAGAGACTGAATAATTTGCCAAATTGCACATAGCTCATAACAGTGGAGTCTGAG
 CCCTTAAACAATTTGTCTTACTGCTACTCGATGTACCTATATCAGACCTCAGCTTGAAAA
 CTTGTTTTCAGTCATTAAACCAGGATACTGGCTGGCTTCCAGAAATTGAATTCAGTTGGGAT
 TTCAAGTATTGTGTGTCTTAGTCTTTTCTACTGTGATAACAAAATACCTTAGAGCGGG
 TAAGTTATAAAAAATAGAGATTTATTTCTCACAGTTTTGGAGGCTGGGAAGCCCAAGATC

10230 CAGAATGCAGAAGGCTAAAAGGGGCGAGTCAAGCTCTCTGAAGCCTCTTAAAGGCATTAATC
 CCATTCAAGGAGAGTGGAGCCCATATGACTTAATCACATCCCAAAGTCTACACTTCTTAC
 TACTCTCATGTTGGGGTTGAAGTTCGAATGTATGAATGTTGAAGGAACACTACATTCAAA
 CCATTATAGGTATGTTTAGAGAAATCCAGCTGGATTCCAGCTCTGATAACAACTAGATG
 AACTTGTGGAGTTTACCTTCTTCATGCCTCACTTTTCTTTACTGATAACTATTTGGAGA
 [A, G]
 TATAATCTATGTTGTTAGGCTTATTGAGTGTGTTGCATGCAATAAAGAACGCAGCATTAT
 TTCTGGCATGGTTTTCCATAATGTGTTCAATAAATATCAATTAGTTGAATATATTGCCACC
 TTCATTTCTCCCAAAATCTTATGATCCAGTCATACTTGATTGCTCAGAGTTTCTTAAAG
 AAGTAACATATTTTCTTCTACTGAGGCTCTGTTTAGTCTTTAGAAAGTTTTCTTTACCT
 ATAATGAATATTTCAAAGACTTTCTAAATGGATTGCCCTTCTCTCAGCTTCTCACCCGAA

10777 AATATTTCAAAGACTTTCTAAATGGATTGCCCTTCTCTCAGCTTCTCACCCGAAAGAAAC
 CATCATCGTCTTTCAAAGACAGATCAAAGACTTCTCTGTGAAATCCTTCTCTGATGTTT
 CCACTATCTGCACCTTCTGTCTCTCATAGCACTTGGTCTAGGCTCCAGGGTAGCCTCTG
 AAGAGTGCCTCTGTTATTACGCATTATTGTAGTTAATTTAGTCTATTTTATAGCTTATT
 AGAGAAAACACCAAGTCTTATTAATTTCTGTGTCCAGGATATATGAAGGGTAAGTAGTA
 [C, T]
 GAAGTGAGTGCACCTGTTAGTATTTACTTAAAGAATGAAGAGAAGATGAAAAATGGTACCA
 TGCAGTTAGAAAAAAGAAAAAAGATGAAAGTTAACAAGATCTGGGGGAAAGTGTGTTA
 TAGGAAAAGTGAATGCTTTGTTTTTTTTCATTTTCTTAAAGAACTTCTAAATATTA
 AAAACAATTTTACCATAATTTTATTAATGGCTATATGTTTTGTTTAGTAATCTAAGATA
 TTAAATCATCTTCATAGCCTGAAACTATATGAATATGAATAGCTAGAAAAATATTTAGTG

10860 ATCAAAGACTTCTCTGTGAAATCCTTCTCTGATGTTCCCACTATCTGCACTTCTGTCTCC
 TCATAGCACTTGGTTCTAGGCTCCAGGGTAGCCTCTGAAGAGTGCTCCTTGTTATTACGC
 ATTATTGTAGTTAATTTAGTCTATTTTATAGCTTATTGAGAGAAAACACCAAGTCTTATTA
 ATTTCTGTGTCCAGGATATATGGAAGGGTAACTAGTACGAAGTGAGTGCACCTGTTAGTAT
 TTACTTAAAGAATGAAGAGAAGATGAAAAATGGTACCATGCAGTTAGAAAAAAGAAAAA
 [-, A]
 CAGATAAAGTTAACAAGATCTGGGGGAAAGTGTGTTATAGGAAAAGTGAATGCTTTGTT
 TTTTTTTCATTTTCTTAAAGAACTTCTAAATATTTAAACAATTTTACCATAATTTT
 ATTAATGGCTATATGTTTTGTTTAGTAATCTAAGATATTAAATCATCTTCATAGCCTGAA

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ACTATATGAATATGAATAGCTAGAAAAATATTTAGTGAACAGTTGGAATCTACTCACCAG
AAATTATTAACCTGTTACCTAAGTGTCACTCACTTGCTACCCCAACATGACTTACCAGT

12462 TAATTTTGATAGGACATTAATTCTTTTGCATTTTGTGAAATATTGATTTTGAGAAAAATG
TAATAACTGCATGAGTTCAAGACAAGTTAAAATGTCTGTTGCCCATCATGTAGATTATTG
TCCTTTAGCCTCAAAACACTCTTCTTACTTATATTTAGTGAAGTCTGTATCAATGACTTA
AGATGATGAGCATGATGATAAAAAATTAAAATACAAACTAGTGGTGGTTTTATAACAAGTA
ACAAAGAACAAGTAATAATAAAAAATCCATTGTGCTAAAAAAGATCACATGTTGTAACA
[T, C]
AATCTTAAGGTATTTGCATATACTAAGATTATATCAATTGGACAAAATCAATGTTAGAGC
TATGCAAGGTTGCATGGTGTGTGAATATTTTTAATGAAGTTTCTGTTTACCTCTTAGCT
AAATCCATTAATAATTTCTTCTGGGTTTGTCTAAAAAGTCTATATACACTATCTGTTTCTT
TAATAATAATAGTAATCATTGATCTTTAGCCGTACATTTATTCAAGGGGTTTACATGCA
ACAGATGTGCTCTTCAGATTTTAATTTTTGTGGTTGTATGCAATGGACACCAGCCCTCTA

13062 ACTCAGGATAGCTCTTCTCCCAAGGTCTAACATTGAGTTCCTCACTCAGTGACTGGTTCT
TCATATAAATTGCTTTTCACTGATTTTTCATGACAGCTTTGGGAGCAGACGTTATCCCATT
TACAGATAAGTTAAATTGAGGTTTCAAGAGTAAAGTACTAATGATCACAGAGCAATGTG
GAAATGTGGTTTACAATTTACATTTATCTATACTTGCAAACTCTACCACATTGCCTCCAA
ATGATACACCTCTTAAACCTCAACCTACTCTATTCTGTATTTCTAGTTCCAGTTCTTAA
[A, C]
CATAGATTCTATTGATTATCCAAGGTTTAAATCTGGTTAACTTAATTCACATCAAAGAGT
GAATAAAGCATGGCATTTTGCATTTTAAACAGAACTTTATCAATCAAATGAATATCAGG
CAGAGTGTTAGATTTTAGTAGAATGAGGATAGCTAGTATATGCTTATAATCTGCATCATT
TTAAATGGCATTCTCTTTTACTCTTAAATGTCCCAGTTTGGACTATATATTGTATGAC
TGACTTAGATTTTGGGGGCATTTTGGTTAAGGGCCCCCTAGTTACTATATGTCTAGTCT

13245 ATGTGGTTTACAATTTACATTTATCTATACTTGCAAACTCTACCACATTGCCTCCAAATG
ATACACCTCTTAAACCTCAACCTACTCTATTCTGTATTTCTAGTTCCAGTTCTTAAACA
TAGATTCTATTGATTATCCAAGGTTTAAATCTGGTTAACTTAATTCACATCAAAGAGTGA
ATAAAGCATGGCATTTTGCATTTTAAACAGAACTTTATCAATCAAATGAATATCAGGCA
GAGTGTTAGATTTTAGTAGAATGAGGATAGCTAGTATATGCTTATAATCTGCATCATT
[A, C]
AATGGCATTCTCTTTTACTCTTAAATGTCCCAGTTTGGACTATATATTGTATGACTGA
CTTAGATTTTGGGGGCATTTTGGTTAAGGGCCCCCTAGTTACTATATGTCTAGTCTTTA
TCCACATAGTCAGGTAGAAAATTCATGGAGTATTTGATTCACTAGCAGGGACATACATG
GTGTCCTTTTCCCCCTCTCTTCCCACAAGAAAGTTTATTTCTGGCAAGATTATGTGAT
GTAACAAAATTCACCACTAGTATTTTAAAGGGAAGCATAAATACTGTGTGGAGAGCG

13334 TTCTGTATTTCTAGTTCCAGTTCTTAAACATAGATTCTATTGATTATCCAAGGTTTAA
TCTGGTTAACTTAATTCACATCAAAGAGTGAATAAAGCATGGCATTTTGCATTTTAAACA
GAACTTTATCAATCAAATGAATATCAGGCAGAGTGTTAGATTTTAGTAGAATGAGGATA
GCTAGTATATGCTTATAATCTGCATCATTTTAAATGGCATTCTCTTTTACTCTTAAATG
TCCCAGTTTGGACTATATATTGTATGACTGACTTAGATTTTGGGGGCATTTTGGTTAA
[G, A]
GGCCCCCTCAGTTACTATATGTCTAGTCTTTATCCACATAGTCAGGTAGAAAATTCATGGA
GTATTTTGTATTGATTAGTAGCAGGGACATACATGGTGTCTTTTCCCCTCTCTTCCCACAAG
AAAGTTTTATTCTGGCAAGATTATGTGATGTAAACAAAATTCACCACTAGTATTTTAA
GGGAAAGCATAAATACTGTGTGGAGAGCGTCTGGTTTATTTAAATGCCTCCAATTTT
CTACATCTTGAGCCAAATGTCAGACTCACTTCTGTTACACAGCCTACTATCTTATTTCC

14049 ACTTTTAAGCAAATCTGTATGGCTTCAATCTCAGCTCATTTCTAAGGTCTCTAAGTCCC
TCAGGCAGCCTTCTCCACATTTCTCATGTGTTTTCTTTTCTCTATTGGAACACTTATGA
AATTGTGTTGTAGTAATTTGTTTCTATGTCTGTCTTTCCCACTCCATGTTGAACATTTTG
AAGGGACTTATTAAGGCAGTTATTAAGGAGTAGAAGAAATGGGAGAGCAAAGAAGAGACT
TACGAGAACCAGCAATACACCCATTTACAGATGAATATCTGTGAAGGTGTCAGAGTCT
[G, T]
GAAAGATATCATTTCATTTCATGCATTCACCATCTTGTGTTTGTCAATTTTGTCTGCTATGAGA
ATGGTGAAATCAATCTCTAACATTGTTTATTAACGTGAGAAATTAATTATTAACCTGCTG
CCATATGGTTTACATATTATAAGCAATGTATTCTAATACTTAATAACCTGTAACCTCATT
ATAAAAAGACATAACAAATCACTCTTCTTAGTTAGCCTAGAAGGGAAAAGGTGAATGGTC
AGAAGAGTTCAGATAGATCCCTGATGCCAACACAGTTGACTGATTCTGATGGAACATCCA

14693 AATATAAGCATGTTTACAAACCATCCCAGCCCTCCCTGGATCTCCTCAGTTAAATACACA
TGACAAAATACTTATAAAACCTTGCAATTATGCTGATGTATTTTTCTGCTATCTTTCTCT
ACACATTGGAAGCAGCTTCATACTTACACTGGTCCCACAGCACATTTAATTCTTTTTTCC
AAACCTTGGGTCATGGGTTGAGATTGTAAGGCCTGTATGATATCAGAAGACACTTCATCA
GTCACATGCTGATACAGGATTTCAACACTTCAACAAGGACTTATATCTCTACTCTCTGTC
[-, G, T]
CTGTCAAAGTGATTTAACCTCACTGTTGAAACATTAGAAAATACAGAGAGAAAATAGAAA
AAAAACCATAATCTTAATACTAACAGATATCCACTGTTACAATGATGGCTTGTAGTGCAG
CTATAATTTTTCTACACAAATACACACATGTGAGCATTTCATGCATGTTTTAACAAGACC
AGGGCAGCACTATATGTATCACAGCTTGTAGCTTGTTCCTCACTGAGAAATTTCTGCT
GAACATGCATATTTTTTAAATGATTACATAAAATTTTTACACAGACCATAATTGTTTTAA

14695 TATAAGCATGTTTACAAACCATCCCAGCCCTCCCTGGATCTCCTCAGTTAAATACACATG
ACAAAATACTTATAAAACCTTGCAATTATGCTGATGTATTTTTCTGCTATCTTTCTCTAC
ACATTGGAAGCAGCTTCATACTTACACTGGTCCCACAGCACATTTAATTCTTTTTTCCAA
ACCTTGGGTCATGGGTTGAGATTGTAAGGCCTGTATGATATCAGAAGACACTTCATCAGT
CACATGCTGATACAGGATTTCAACACTTCAACAAGGACTTATATCTCTACTCTCTGCTC
[-, C, T]
GTCAAAGTGATTTAACCTCACTGTTGAAACATTAGAAAATACAGAGAGAAAATAGAAAAA
AAACCATAATCTTAATACTAACAGATATCCACTGTTACAATGATGGCTTGTAGTGCAGCT
ATAATTTTTCTACACAAATACACACATGTGAGCATTTCATGCATGTTTTAACAAGACCAG
GGCAGCACTATATGTATCACAGCTTGTAGCTTGTTCCTCACTGAGAAATTTCTGCTGA
ACATGCATATTTTTTAAATGATTACATAAAATTTTTACACAGACCATAATTGTTTTAATA

14725 TCCCTGGATCTCCTCAGTTAAATACACATGACAAAATACTTATAAAACCTTGCAATTATG
CTGATGTATTTTTCTGCTATCTTTCTACACATGGAAGCAGCTTCATACTTACACTGG
TCCCACAGCACATTTAATTCTTTTTTCCAAACCTTGGGTCATGGGTTGAGATTGTAAGGC
CTGTATGATATCAGAAGACACTTCATCAGTCACATGCTGATACAGGATTTCAACACTTCA
ACAAGGACTTATATCTCTACTCTCTGTCTGTCAAAGTGATTTAACCTCACTGTTGAAA
[C, A]
ATTAGAAAATACAGAGAGAAAATAGAAAAAAACCATAATCTTAATACTAACAGATATCC
ACTGTTACAATGATGGCTTGTAGTGCAGCTATAATTTTTCTACACAAATACACACATGTG
AGCATTTCATGCATGTTTTAACAAGACCAGGGCAGCACTATATGTATCACAGCTTGTAGC
TTGTTTTCTCTCACTGAGAAATTTCTGCTGAACATGCATATTTTTTAAATGATTACATAAA
ATTTTTACACAGACCATAATTGTTTTAATATCCACAGAATATTACCAACAATTATTACTT

14777 CAATTATGCTGATGTATTTTTCTGCTATCTTTCTCTACACATTGGAAGCAGCTTCATACT
TACACTGGTCCCACAGCACATTTAATTCTTTTTTCCAAACCTTGGGTCATGGGTTGAGAT
TGTAAGGCCTGTATGATATCAGAAGACACTTCATCAGTCACATGCTGATACAGGATTTCA
CCACTTCAACAAGGACTTATATCTCTACTCTCTGTCTCTGTCAAAGTGATTTAACCTCAC
TGTTGAAACATTAGAAAATACAGAGAGAAAATAGAAAAAAACCATAATCTTAATACTAA
[C, G]
AGATATCCACTGTTACAATGATGGCTTGTAGTGCAGCTATAATTTTTCTACACAAATACA
CACATGTGAGCATTTCATGCATGTTTTAACAAGACCAGGGCAGCACTATATGTATCACAG
CTTGAGCTTGTTCCTCACTGAGAAATTTCTGCTGAACATGCATATTTTTTAAATGAT
TACATAAAATTTTTACACAGACCATAATTGTTTTAATATCCACAGAATATTACCAACAAT
TATTACTTAATAATAATTGAGCACTTGACTATTTCTAACTTTTTACTGTTGTACAAATGT

17466 TAGAAATGGAATAATCAACCCCTCCTCATTACCACACCCACTTTAACTATAACTCAAGGC
AGAAATCAGATCCTGGAATTTTTAAATTTTTGTTGATTTTAGTTTCCTTATTTTACATTC
ATGAACACTAGTATCTTGCTAATTATTTCAAGGATTGGGCTAAATTTATCTGTGGCAACA
TATGAAATCTGTAATTAGAGATAATTAAATAATAGAGTGTGGTTTGAACATTTTAAATA
ATAGTACTAATAAGTATCATTGAGCACTTACAATGTGACTATACTCTCTAAATCTTTT
[T, C]
TTTTTCAATTTTTAGCATATCCGAAGACATAGATATTTTATTGTTCTCATTTACAAATTG
AAAAGATGAAGTTCAATAACTTCCTCAACACTGCAAAAGTAGTACATAGCAGCTACCATC
TGAGTGCAGACTGTCTTTCTTTAGAGCCTGTGTGCTCAGCACTCTACTGTACCACCTCAC
CCATCTCCTGTTACGTAATACAAATGACACACTCACTACACACATATGTGGAGTCAGGT
CTCCCCTTGATGCAAAGTGTAATGTTTTCTGGATTTTAGGCATTTAAATGTTTTAATCT

18095 TGCAATTAAACATCTGCCTCCAGCTGTACAGGAGTGCAGGCTTGTGCCTTTGACACCTCA
ATCCTATTCTCCTTTAGAAGCAACAGGCATTATAATACCTGTGTTTCCCATGCACTGTAA
GGTTTAAAAACCATTGCTATAGGATGATCTGATTAACATGGCTTCTGGAGGGTTTTAGAA

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ATAATTTAAATTCACCTCTGTTTCCCACAATTCCTTGACAGAGTAGCTGCTCAATAAAT
AGTTTCTTTAAATAATTGAATGAATTGAAACATTAGACACATTCTCTTAACCAAGTTTCC
[G,T]
TTTGATCTATTAGTTACTTCTTTGATAAAGTGAAAGTAGTTCCTTACCTGTTTGAAAGGG
ATGATAAGGAGGGGAGCATAGTCTAATGTTTCATATTGTGAACACTGGAGTCATGTTGCCT
AGGTCCAAATCTGGAACATACACATTGTGTGATATGTTACCTTTCTGCCCTGTCCTCACT
TTCTTCATCAGTGGAAATGGAAATATGATTATAATAGAACCTATCTTATTAGCTTTGTG
AGGACCGTGTTTACATTTGTAAAAGCACTTAAAACAGCTCCAGGTACCCAGTAAATGCAA

19740 TCATGAGCACAGCAATGGACTAAAGGTAAAAAGATTGAATTCATTGTTGAATGGCAACAG
TCCCTTACAAGGTATCTTTGACTTTGTAAAGGATGTTTATCTTGAATCTGTTAAAGTGT
GGGTGTGGATAGGTATGTGTAGAACCATTTTTTCTTTCTGGACTCTCCATTAGGCCTT
AGTTATATGTGTTAGTCTATTTGTAATCCAGTGATAAAATTAGCCTTGTTATGTGTGTA
CCTTTGTTGTCTAAAAGGTGTTTATTAAGTAGGAGGGACACCCCTGAAAAAGCTGGGGCT
[A,G]
CTAGCATTAAAGCAGCAAGTTATTAACATTCTAATAAAAAACAATAAAAAATAATGAATTA
ATTAGATTGTAATATAAAGTAAATTCATTAGTTCATGTATTTAAGTAGAAAAATGAT
GTCTTCAAATTTCAAGAGAAAAGTGCAGATATCAAAAAATCAAATTAAGGAATAAGAAA
TTATTTCTCAGAGGAAAGTTAAAGGAAAGTGATATAGCTGGTATACTCATATTTGTATTT
TTGCAGATCTAATAACAAACATAAGGGAAATTATCTTTGTGAAAATTGAGTTTGTAAAGCAA

20813 CGTGGTGCTGGGCGCCTGTAATCCCAGCTACTCCTGAGGCTGAGGCAGGAGAATGGCGTG
AACCCAGGAGGCGGAATTTGCAGTGAGCTGAGATAGCGCCACTGCACTCCAGCCTGGGCG
ACAGGGCGAGACTCCACCTCAAAAAAAAAAAAAAAAAAAAAAGTTTATGGAATAAAGA
AATACCCGAACAAACACACTGTAGAATTTATGTAATGTGTGGGGATGGACATTGCATTAT
TGTGGGTGCTTATATTTGCAGCTGAAAAATATTGATTTTTCTTTTGTGAACTAAGAT
[G,A]
ATACAAAAACCAAAACAAAATAAACAAAAATCCAAAAACAGCAAATAGGCTTTTATTTCGG
AATTATTTTCAGTTTAGCCTTTGTGAATATTATTAGAAAAGAATAGCACATTATACTCTT
AGTTTAGGAGCCATTTATTCTTGTCTACTACTCTGCCTTTTCCCCCAACTCTTTATTCTA
GGGAAATATTGTCTGCTCCAACTAAGCATAACAAGCCAAGGAGTGTAGAAATCCTTA
GCAACTCAAAAGAAAATCTGTCTTTCAAGTGGCAACCAGATTAGCATGTTCTTCTCTAA

22158 CACTTGCCGTGCCATGTTTACATGTTGTGAAAAAACTTGAAAAATGAAATTTAACAAT
ACCCTGTAAATAGCACCAATAGAATAAGTTGGACAAAAATGTGCAAGACTTATATCATAA
AATAATCATAAACATGGCTAAGAGAAGTTAAAGGAGAAATAGTCCATATTCATGAATTGG
AACTTGAAATATTGAAAAGATGTCCAGTCTTCCCAAATTGATCTGCAATCTTTACCAAAA
TTATAGCAGACTAAAAGTCATTCAAAAATTTGTATAAAAAATGGAAAGAATCTAGAATAAC
[C,A]
CAAAGAAACATGGAAAAGAACACAATTTGAAGACTCAAGGCACCTCATTTTAAGAATTAC
TGTAAGGCCATAGTAATGATAACAGTTTGATATCAGCATAATATAAATAAATAAATCA
ATGGGACAGGATAAGTCCAAAAATAGATCCACACATATATGATTTAATTTTTGACAAAGC
ACCAAAGTAAGTCTTTTCAACAAATGAGCTAGATTAACTGGAAAAATATATGAGAATAAA
TAAATATTGACCCCTGCATTATACTGTGTACAAAAATTAATTTGATTTAGATTACATACT

22227 ATAGCACCAATAGAATAAGTTGGACAAAAATGTGCAAGACTTATATCATAAAAATAATCAT
AAACATGGCTAAGAGAAGTTAAAGGAGAAATAGTCCATATTCATGAATTGGAACCTGAAA
TATTGAAAAGATGTCCAGTCTTCCCAAATTGATCTGCAATCTTTACCAAAATTATAGCAG
ACTAAAAGTCATTCAAAAATTTGTATAAAAAATGGAAAGAATCTAGAATAACCCAAAGAAA
CATGGAAAAGAACACAATTTGAAGACTCAAGGCACCTCATTTTAAGAATTACTGTAAAGC
[C,T]
ATAGTAATGATAACAGTTTGATATCAGCATAATATAAATAAATAAATCAATGGGACAG
GATAAGTCCAAAAATAGATCCACACATATATGATTTAATTTTTGACAAAGCACCAGTA
AGTCTTTTCAACAAATGAGCTAGATTAACTGGAAAAATATATGAGAATAAATAAATATTG
ACCCCTGCATTATACTGTGTACAAAAATTAATTTGATTTAGATTACATACTTAAATATAA
AAGCTAAAATTATAAATTTTTGAGATATAAACAAAAATATCTTTGTAAGTGTGAGCAAGT

22311 GAGAAATAGTCCATATTCATGAATTGGAACCTTGAAATATTGAAAAGATGTCCAGTCTTCC
CAAATTGATCTGCAATCTTTACCAAAATTATAGCAGACTAAAAGTCATTCAAAAAATTTGT
ATAAAAAATGGAAAGAATCTAGAATAACCCAAAGAAACATGGAAAAGAACACAATTTGAAG
ACTCAAGGCACCTCATTTTAAGAATTACTGTAAAGCCATAGTAATGATAACAGTTTGATA
TCAGCATAATATAAATAAATAAATCAATGGGACAGGATAAGTCCAAAAATAGATCCAC
[A,G]

FIGURE 3, page 137 of 173

CATATATGATTTAATTTTTTGACAAAGCACCAAAGTAAGTCTTTTCAACAAATGAGCTAGA
TTAACTGGAAAAATATATGAGAATAAATAAATATTGACCCCTGCATTATACTGTGTACAA
AAATTAATTTGATTTAGATTACATACTTAAATATAAAAGCTAAAATTATAAATTTTTGAG
ATATAAACAAAAATATCTTTGTAAGTGTGAGCAAGTAAATATTACAAAGAAAGATACAA
AAGGCACTAAGTATAAGAATAAAAAATAATGAATATGACATCATCAAAATTA AAAACTGA

22414 GTCATTCAAAAATTTGTATAAAAAATGAAAAGAAATCTAGAATAACCCAAAGAAACATGGAA
AAGAACACAATTTGAAGACTCAAGGCACCTCATTTTAAGAATTACTGTAAAGCCATAGTA
ATGATAACAGTTTGATATCAGCATAATATAAATAAATAAATCAATGGGACAGGATAAG
TCCAAAAATAGATCCACACATATATGATTTAATTTTTTGACAAAGCACCAAAGTAAGTCTT
TTCAACAAATGAGCTAGATTAAGTGGAAAAATATATGAGAATAAATAAATATTGACCCCT
[G, A]
CATTATACTGTGTACAAAAATTAATTTGATTTAGATTACATACTTAAATATAAAAGCTAA
AATTATAAATTTTTGAGATATAAACAAAAATATCTTTGTAAGTGTGAGCAAGTAAATATT
ACAAAGAAAGAAATACAAAAGGCACTAAGTATAAGAATAAAAAATAATGAATATGACATCA
TCAAAATTA AAAACTGATACACTGCAAAGCATTCCATTAAGAAAATAAAAAGTGTATATA
TGTATATACACAGTTTCCATTAAGAAAATAAAAAGTGTATACAGACTGACAGATAATATTT

23458 ATGTCCACAAATGATTTATATGAAATATTTATAGTGGTTTTTCATTTATAATAGCCTAAAT
CTGGAAACAACCTAAAAGTCTATCATCAGCAGGTTAATAGATAAATTAAGTTGTGGTGTA
GCCAGACAATGGTACACCAATCAATAATAAAGAAAAATAAACTATTGATATAAAAAATGC
ATGATTTCCAAAAACATGTTGAGCAAAAAATGCCAGAAACAAAAGAAATGCGCATTGCATA
TCTCTAATTACATAAAGCTCAAGATTAGGCAAACTAACTATGGTGATATAAATCAAAA
[C, G]
AGTAGTTGCCTCTAGGACGGGGGGTTAAGGATTGACTAGAAGAGAACACACAAGAATTTT
GGGGAATGAAGGCATATTCTACATCTTGATTGGGTATTGATTACTTGAGTCTATGCATTG
GTTCAAATCTAACACATTGTATAAATTTGCATTTCAGTGTCTGTGAAGTTTCACTCCATA
AGATCACTGTTTACTTTTCAGGGCCAGATTTTTTCTTCTATAACCATGATCATTACCCA
GACCTAGTAAGACAAATAAATGCGTATAAAGGAAAATACATTCTGAAATTTCTGGGCTTT

26694 TCACAAAATTTTAAGATGATAAGGAATTAGAATCATCTATTATGTTTTCTAGGAAGTGTG
CCAATGGATTCTGGCCCAGAGTAGCTGCCTCCCAAATGCCACCTGACTAACCAACTTTCC
TGCAAACCTACTTTGTATATCTGCCACTTTCCCTCCCTTTTCTACCTCCTACTTCCCTCTC
TCCCTTCTTTTCTTTTCAACAGCCTTTATTTTGTAAATGCTGAAACCAAGGCCAAGCAATTG
CCCAAGGTCGCTTGGCATCAGAACCAGGATCCACATTGTCCAATTTCCAGGTTTCTGCAT
[T, C]
TCAAATTCCTTTATTAAAGTCAGAATGTGTTTAAATGGAATGATTCACCTTTTTTTTACTGT
AGACATATTATTACAGCAGACCTTAGTTTATTTGTCTCAATATCAGCTAGTCAAAGAAAA
AAGCTTTGACATTTTATGAATATTGTATCATGTTCACTTAGAGGTTTCTTAGGAAATG
AAGTTTAGAAGTTAGTAGTCTTGGAAGTAAGTGTCAATATAACTGACAATACAATTCAC
GGAATCATTTCTTCTAATCCTAAATAAAGCTAGGGCATGGTTTATTAAATATTTCTGTG

26713 TAAGGAATTAGAATCATCTATTATGTTTTCTAGGAAGTGTGCCAATGGATTCTGGCCAG
AGTAGCTGCCCTCCCAAATGCCACCTGACTAACCAACTTTCTGCAAACCTACTTGTATAT
CTGCCACTTTCCCTCCCTTTTCTACCTCCTACTTCCCTCTTCTCCTTCTTTTCTTTCAACA
GCCTTTATTTTGTAAATGCTGAAACCAAGGCCAAGCAATTGCCCAAGGTCGCTTGGCATC
AGAACCAGGATCCACATTGTCCAATTTCCAGGTTTCTGCATTTCAAATTCCTTTATTA
[G, A]
TCAGAATGTGTTTAAATGGAATGATTCACCTTTTTTTTACTGTAGACATATTATTACAGCAG
ACCTTAGTTTATTTGTCTCAATATCAGCTAGTCAAAGAAAAAGCTTTGACATTTTATG
AACTATTGTATCATGTTCACTTAGAGGTTTCTTAGGAAATGAAGTTTAGAAGTTAGTAGT
CTTGGAAGTAAGTGTCAATATAACTGACAATACAATTCAGTGAAGTCAATTTCTTCTAAT
CCTAAATAAAGCTAGGGCATGGTTTATTAAATATTTCTGTGATATTAGTGTGTAAAAAT

27014 TCAGAATGTGTTTAAATGGAATGATTCACCTTTTTTTTACTGTAGACATATTATTACAGCAG
ACCTTAGTTTATTTGTCTCAATATCAGCTAGTCAAAGAAAAAGCTTTGACATTTTATG
AACTATTGTATCATGTTCACTTAGAGGTTTCTTAGGAAATGAAGTTTAGAAGTTAGTAGT
CTTGGAAGTAAGTGTCAATATAACTGACAATACAATTCAGTGAAGTCAATTTCTTCTAAT
CCTAAATAAAGCTAGGGCATGGTTTATTAAATATTTCTGTGATATTAGTGTGTAAAAAT
[A, G]
TAAAAGAGAATACAAATATTTAAAGGAAGTTTTCCTAATGACAGACTTAGTAGAAATTTG
AGTGAATTTGTTAAATTTTTAAAGCTGTGTGAACAGTGGTTGATAGTGGATAAAAAATCAT
TAAATCCATCAGTGGTTTTATAGTTTCCCAGCAATAATTGGGAGAGAATGAATGATGAA

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GGTAAAGTGCTAACCCAAAGATTTTAGAAGTTTACCAAGTTTAAATGAGCCTCACCAAT
CACCCCTGATGGCAGTCTGGTATTTTACACCTCCTCTAATAAAGTTTTCTTCCCTAGTTT

27467 CAATAATTGGGAGAGAATGAATGATGAAGGTAAAGTGCTAACCCAAAGATTTTAGAAGTT
TCACCAAGTTTAAATGAGCCTCACCAATCACCCCTGATGGCAGTCTGGTATTTTACACCT
CCTCTAATAAAGTTTTCTTCCCTAGTTTTTCACTGACCAACATTGTGTACACAAATATAGA
GGAGTGTACCTGATCGAGGAATGTATCTGATTCTGGCAGGTGGAAGAGTACACATTTGGC
ATTCTTTTTTATCCATGATTGTCTCACCTTTCTTTGAAGTTAAAGTGGGTTGAC
[C,T]
ATTCTGGGCCTGCTTGGGTTCTGGAGAGAAGTAATCTAATGTTAACTAGACACACACAT
TTTCTGACTTAGCCTCTCACCTTCAACATTTCCAACCTCCTGTCTCCCTAGTCTTTGTTC
TATCTGACTTTGAACATGCAAATATATTTTCTAAATTTTCAAGGGGAGAAATAGAGAGGTTT
ATTATCTTCCCTGATGGTTACTCTGATTCTCTCCCTCCTTTCCATGTAAAAATCTTAA
CAACTTTTTTCATCTTCTCCTTGCATTGCTCACCATTTCTTCATCCTCAAGTTCAGGAA

28916 TTAGTGTGTGTGCACATGTGCTCACACACACACAGTGTGCTGTACACTCACATAATTTA
AACAAATTTTTCTAAAGCAATCTTTTACACTATAATTTATTCTATTTCTTTGAAAAGATAAA
GTACATGAGCCCCCATATTTGAATTCCTGTATGACCCCTATGGTTTGAAGAGGCCCAATTT
ATCTAATTTTTTTATCCCTTTATACTTCACCCCATCCACTTTGTTTCAAGAGTCTACGC
CTGCCCTTTAATCATGCAGTGTAGTTTCTGAGTTTTCAGTCATATTTTCTAGTTCAAG
[T,G]
TTCTTCTAATCATGAAGTCTTCTTTGCCAACTTTAGCTCTTAAAAATACCCAATTCCTCC
AAAGGATAATTTGTGCTATGCAAGATGACCCCTAATCCTCTGCTGATTTTGAATGGTTTT
GTAAATAGTAAATTTGTGCTTTTCTATCTAGTTTATAAACTCATTGAGAATAGCCCTATGT
TTCTATTTTTCAAACCTGCCAGATTTATGTGACGAAACAAAAATAACTTAGTTTCCGAGG
CCTAGATACAAACCCCTCGCTTTAATATTTTTGAGTCATGTGATGTTGGGTAAAATCCTCA

29522 AAAATAGGGACCCCTAAAACCTTGATCAAAAAATTGCCAGAAGGAGGAACTAGATGGCTC
ATGGAAACCTTTGGCAAACACGATACCTAATGAGTGTGTTGGTGTAAATATACTTTCTCT
GGCATTTTAACTTTTCATATGTTGTTTAGCTTTCTATTTGTTTATAATATTTTCAAATA
CAATCCTTTTCCAGTCATCTTTATGCACTTTTCTGATTACTCCAATTACTTGTCTAGAC
AGATTTTTTAAATTTATGTTTAAATAAAATCTAATGAAGAATAAATGGAAAAGTATGCA
[C,T]
GCCTTCGGGTTCCCTATCTCACTTCATAGTATTCAATTCTAGCTCTAATGTTCTAGAGGG
CAAAGGGACATAAGACCAGCATCTATAATGTATTTACTTTGTAGAAAAGCCATTCTCAT
AAGAGTTGCTGCCACCAATCTCAAGGCTCATTATGTCAAATGAATTCATTTAAATGT
GTTATTTTAAATAGAAAAATTTCTGAAATAAAAGGGAAATATTTTGTGCTAACTTCTC
ATTTTTGAGGGGAGCGGCTTTACCATAATTAGTTTTCTGAACAATTATAATGTGATATG

31683 AGCTGAAGAATGTTAACAGACCTATGACTTAACTGATATACAATTTTAAATGTTTTTATT
CAGATTCCCTCAAGAAAAGTGTGGGGACAGTTGCTGGGTAAATTTTGTCTTCACTTTC
TGTCTTCTACAATACAGGGTTAATAATGTCTTAATTTCTATATCACAGTATATATTTAAT
GTTATGTTGTCAATGAAAATAATTATCTTAAGTCAAACCACTCTCAGTTGAAGAATCTT
GAAAATGACTCCATCTAAATTTGTGACTCAGATTTCTGTCTGTAAAATTCATTTTTAATA
[G,A]
GTTAGAAAAGTCTATCAGTGGATACTGTCTAATCACAAATGGGTATGGAACAGTCTTCAC
CCTCCAAACCCCTGAAGCTTGCAGAGAAACACTGGACTGTACAAGTTAGTGCTAACATGAT
TACTTATCCCATCCAAATTCAGCAGCAGCTGACTGTTTTGCACCTGGAACCCCTTCTCCC
TTTTGTTTTCTATTGTGTAGCTTCTTGTATTTAGAGACTGAAAACCTAATCCAAAATTTT
TTTATGAAAATATAATTAGTATTCTTTATTATATGTATATATATCTTTAATATATATA

33358 GTATGTAGTTTCAAGGCTCATGGTTTATAAACTATTGAAAAATCACTTTTCCACTTCATG
TCATTATTTTTTCAAGCGTGCAGAGGGATGTTAGACTGTTTTTCAAATACAAAAAGCCACA
AACTTGATCAGAATCTCTACTTCTTATTGAAATTAAGCCCTAGAGGTAAATATTTTATAG
AGTTTTGTCTTGTGGGTTGTTTTCTGTTTTTTGAGACAGAGTCTTGCTCTATTGCCTA
GGCTGGAGGGCAGTGGCACCATATCGGCTCATTGCAACCTCCGCCTCCTGAGTTCAAGTG
[A,T]
TTCTCGTACCTCAGCCTCTCCAGTAGCTGGGACTACAGTTGCACAGCACCACACCTGGCT
AATTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGTATTTTGTAGTGGAGATGGGTTTTCA
CCATGTTGGCCAGGCTGGTCTTGAACCTCCTGATCTCAAGTGTCCACCCGCCTTGGCCTC
CCAAAGTGCTGGGATTATAGGCTTGAAGCCACCACCTAGCCTTGTTTTTGTGTTGTTTT
TGTTTTTTGCAAAAGAGTATCTAGTGGTCATCGATTGCATTTTGATATTATAATTTCTTA

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33387 AACTATTGAAAAATCACTTTTCCACTTCATGTCATTATTTTTTCAGCGTGCAGAGGGATGT
TAGACTGTTTTTCAAATACAAAAAGCCACAACTTGTATCAGAATCTCTACTTCCTATT
GAAATTAAGCCCTAGAGGTAAATATTTTTAGAGTTTTGTCTTGGTGGGTGTTTTCTGT
TTTTTGAGACAGAGTCTTGCTCTATTGCCTAGGCTGGAGGGCAGTGGCACCATATCGGCT
CATTGCAACCTCCGCCTCTGAGTTCAGTGATTCTCGTACCTCAGCCTCTCCAGTAGCT
[G, C]
GGACTACAGTTGCACAGCACCACACCTGGCTAATTTGTTTTTTTTTTTTTTTTTTTTT
TTTTTGTATTTTTAGTGAGATGGGTTTTACCATGTTGGCCAGGCTGGTCTTGAACCTCC
TGATCTCAAGTGATCCACCCGCCTTGGCCTCCCAAAGTGCTGGGATTATAGGCTTGAGCC
ACCACACCTAGCCTTGTTTTTGTTTGTTTTTGTTTTTGCAAAAGAGTATCTAGTGGTC
ATCGATTGCATTTTGATATTATAATTTCTTATTTCTATTTCTAGTAGTATTTTTATTACT

33753 GTATTTTTAGTGGAGATGGGTTTTACCATGTTGGCCAGGCTGGTCTTGAACCTCCTGATC
TCAAGTGATCCACCCGCCTTGGCCTCCCAAAGTGCTGGGATTATAGGCTTGAGCCACCAC
ACCTAGCCTTGTTTTTTGTTGTTTTGTTTTTTGCAAAGAGTATCTAGTGGTCATCGA
TTGCATTTTGATATTATAATTTCTTATTTCTATTTCTAGTAGTATTTTTATTACTCTACT
TTCTATTTCTATACTATAGTTTCTATTTCTATTGGTGGATTTCCTTATTTTAATGATTTT
[T, C]
AACATAACTGTTTAAATGCATAGATTATGTAGTAATCTATATAATGGTCAAACCAGCTAG
TTTCTGTTATACTTTGAGTTAATCTAGTTACAAATTATCTTTTTTAAAAAAAATTTCCA
TTTGACCTAATAAAAAAACAAAAACAAAAACAAAAAATCACTACTCCTTAATTTCCAAAC
TTCAGATTTACCGAAACCACAAATTTCCATTTAAATTTCCAGTATTGCTAGTGGTGTGGAT
GCCTGATGTAATACTGAGTTATCATTGCCAGATTAGAACAATTTTTATTGTCTGAGACTA

34779 ATAGCTTTTGAGGTACAAGTGGTTTTTCAGTTACATGGATGAATTACATAGTGGTGAATCT
GAGATTTTAGTGCACCTATTACCCAAGTAGTGCATACTGTATCCAATATATAGTTTTTA
CCCCACATCTCCCTCCCACCGTGCCCCCTCCTTAGTCTCCCAAAGTCCATTATATCACTCT
GTATGTCTTTGTGTACTCATAACTTAACTCCCACTTATAAGTGAGAACATACGGTATTG
GTTTTCCATTCTGAGTTACTTCACGTAGAGTAATGGCCTCCAGCTCCATCCAAGTTGCC
[A, G]
TAAAGACATTATTTTATCTCTGAGTAGTATTCTGTGCTGTATATATAC
CACATTTTCTTTTTCCACTCATTGGTGAATGGGCACTGAACTTGGTTCCATATCTTTGC
AATTTTGAATTGTGCTGCAACAAACATACATGTATATGCTTTTTCTTATAATTTCTTAT
TTTCATTTGGATAGATATCCAGTAGTGAATTGCTGGATTGAATGGTAAATCTACTTTTA
GATCTTTGAGGAATCTCCATACTGTTTTCCATAGAGGTTATCCTAATTTATATTCCCACC

36788 GTACTATGTTGAATAGAAGTGGTGAAGTGGGCATCCTTGCTTGTCTTCTGTTCTTAGGG
AGAATGCTTAGAATGATTTTATACATCTGTATAGTTCCTTGAGACAGTGAATTAGAAAA
TTCATATTTGTGAATTTAGATATACCTAATGTTTGTGCTCACTACCTATTCTCAAG
TTCATAGAAATAACATTATTCTAATTTTACTAATGGTGTGATATATCTTTACTTTCAA
AAGTGAATTAAGTTAATATGATTTTAAATACTTTGGAGTACATTTCTTGATTTTTTTT
[-, T]
AGACAATTGGAAACACTCAGGCATGTCATAATGAACAGGAATAGTGACAGAATGTGTCA
TTGTCCACAGATCCTGTAAGTAAAAAATGCAACACAAGAAAAGGGGGCACTGATCATCT
GAAGTGAGAGTTTCAGCCAACTCCAAGTTTCAATAAATGTTCTGTTCTTTTTTATGCT
AAATATTGTATGCGAATTATATACCAAAGTAAAAACTGTTTGGTACAGTCACTCAGATT
CCAGGGGTGATTCTTTCATTAGAATGAAATATGTGCCAATAATTTGACTGCCAGATCAT

36982 ATTATTCTAATTTTACTAATGGTGTGATATATCTTTTACTTTCAAAGTGAAATTAAGT
TAATATGATTTTAAATACTTTGGAGTACATTTCTTGATTTTTTTTTAGACAATTGGAAA
CACTCAGGCATGTATAATGAACAGGAATAGTGACAGAATGTGTCATTGTCCACAGATC
CTGTAAGTAAAAAATGCAACACAAGAAAAGGGGGCACTGATCATCTGAAGTGAAGTTTC
AGCCAACTCCAAGTTTCAATAAATGTTCTGTTCTTTTTTATGCTAAATATTGTACTG
[T, C]
GAATTATATACCAAAGTAAAACTGTTTGTACAGTCACTCAGATTCCAGGGGTGATTCT
TTCATTAGAATGAAATATGTGCCAATAATTTTACTGTCAGATCATTAGCCTATGAATAA
TGACTTTTACAAAGTAAAGTTCTATATTATCTCATGATACAGTAAAAAGCATTTAGGCTA
CTCCACAGGCAAAAATGATCATCTTTAGGGGCTGTGTTACCTTGGGGAGATTATACACTCT
AAGTGTCACTTTCTCATCTGTAAAAATAGGGATGATAAAGTTCTGTGACTGGAGAGTTAA

40138 ACAAATAGGATAAGACTACAAGAACACAGGATTACTTTTAGTGCTCTAAAGGTGGGAGTT
CTGCAACATCATAAGGGTGTCAAAGGCCCTAGCACATTGGCATTTGCCATTATGGTTCGAC
ATTGATGATCATTGTGTTTTAGCATTCAAAGCACAAGGAATAATAAAAGCCATACAAGTT

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TTTATTTTCATTAGTTTTTAACATGTGATATTCTTGTACACATGCCTGAATAATGCCTTTT
TAAAACTTAGTAATCATGCATCATATGAGTGGGTAATAAGGAAACAATATTCTTTACCA
[C,T]
GAGAGTGGGCTAAACACTTCAAAGGACCCTTCATGAAACATTTGGAATTAGAGCTTGAGG
TATTGTGACGTTACTGTTTTAATCAAAGCTTTTAAGTTGGAGATGGTGGATGAAAAAAC
AGAAAAATTACCATAGGTGATAATAGTATACTCAATAAAAAATGTAAAAATTCTGCCGTG
TACAAGACTTTTCAGTAAAAAGACCTGGCAAATCCCCAGGTATTAGTGGGGATTTAAAAA
TGAAAAAGAAAAGCTTTCTTTTTTAACATAAATATTTCCCGTCTCTATTAAATATTTAC

40309 ATACAAGTTTTTTATTTTCATTAGTTTTTAACATGTGATATTCTTGTACACATGCCTGAATA
ATGCCTTTTTTAAAACTTAGTAATCATGCATCATATGAGTGGGTAATAAGGAAACAATAT
TCTTTACCACGAGAGTGGGCTAAACACTTCAAAGGACCCTTCATGAAACATTTGGAATTA
GAGCTTGAGGTATTGTGACGTTACTGTTTTAATCAAAGCTTTTAAGTTGGAGATGGTGG
TGAAAAAACAGAAAAATTACCATAGGTGATAATAGTATACTCAATAAAAAATGTAAAAAT
[A,T]
CTGCCGTCTGACAAAGACTTTTCAGTAAAAAGACCTGGCAAATCCCCAGGTATTAGTGGGGA
TTTTAAATATGAAAAAGAAAAGCTTTCTTTTTTAACATAAATATTTCCCGTCTCTATTTA
AATATTTACACTTAAATATTTAAGGTGCTGAAATCACGGCAGCAATAACAATTCTCACTT
ACATTCATTTTCTACAATGCTACATCTGGTTATTTTCTATCCGGGTTAAGTTCCCTCA
CCATAAGTCCTTCTTCTTTTTTTGGAAGGCTCAGTGGATGCCCTATGATCTGCCCTGGA

40317 TTTTATTTTCATTAGTTTTTAACATGTGATATTCTTGTACACATGCCTGAATAATGCCTTT
TTAAAACTTAGTAATCATGCATCATATGAGTGGGTAATAAGGAAACAATATTCTTTACC
ACGAGAGTGGGCTAAACACTTCAAAGGACCCTTCATGAAACATTTGGAATTAGAGCTTGA
GGTATTGTGACGTTACTGTTTTAATCAAAGCTTTTAAGTTGGAGATGGTGGATGAAAAA
ACAGAAAAATTACCATAGGTGATAATAGTATACTCAATAAAAAATGTAAAAATTCTGCCGT
[T,C]
GTACAAGACTTTTCAGTAAAAAGACCTGGCAAATCCCCAGGTATTAGTGGGGATTTAAAT
ATGAAAAAGAAAAGCTTTCTTTTTTAACATAAATATTTCCCGTCTCTATTAAATATTTA
CACTTAAATATTTAAGGTGCTGAAATCACGGCAGCAATAACAATTCTCACTTACATTCAT
TTTCTACAATGCTACATCTGGTTATTTTCTATCCGGGTTAAGTTCCTTCACCATAAGT
CCTTCTTCTTTTTTTGGAAGGCTCAGTGGATGCCCTATGATCTGCCCTGGAATACTCAT

46648 AGATTGCATGCTCAGTTATCAGGTATACGATACATCTGAGTTAGTTCCTGGCATGTAAAT
GATCAACTCCCTCTTTCCCTTTCTTTTCTTTTCTCTTCTCTTCTCTTCTCTCTCTCT
CCCTCCTGCCCTTCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTCT
AGTTCTAGCCAGTATGAGACTATTTTTTTAAGTTCTGAAAATATTCTTGCAAAATTTCT
AAATGAGAAACAGGTAAATTTTATTTATTTTTCAGCTTTCCTGAGGAATAATTGACAA
[G,C]
TAAATATTGTATATATTTAAGTTGTGAGATGTGATGTATTGATACATGTATACATTGTGA
AGTAATCACCAATCAATTAACATACCTACTACCTCACATAGTTACCTTTTTTTGTGGT
GAGAACATTTAGGATCTATTCTCTTAGCAAATTTCAAGTACACAACACAACACTGTTAAC
AACAGTTCATCCTGTACATTATTTACATGTAAGGCAAAATGAACTCTAAGTTAAAAA
ATAAACAGAAAATAAAAAATAGATCTCCAGAGCTTTTCTCTCTGAATAACTGAACTTT

49505 GATCCCTACAAGGAGAACCACAAACACTGCTCAAAGAAATCAGAGGTGACACAAACAGA
TAGAAAAACATTTTGTGCTCATGGATAAGAAGAAACAATATTGTAAAAATGGCCATACTG
CCCAAAGCAATTTAGAAATTCATAGTATTCTATTAACTACCATGACATTCTTCACA
GAACTAGGAAAAAAACCTATTTTTAAATTCATAAGAAACAACAACAACAAAAGCCCCA
AATAGACAAGCAATCCTAAGCAAAAAGAAACAAGCTGGAGGCATCATGCTACCTGACTT
[A,G]
ATTTCTTTTCTGGATAGTTTGTGTTAGTGTATTGAAATGCAACTGATTTTTGTCTGTTG
ACTTTTTTATTCTGAACTTCACTAAATTAGGTTTTAACAGATTTGTTGGTATAGTCTTT
AGGGTGTTCTTTATATAAGATAATGCCATCTGCGAGTAGAGACAATTTAACTTCTTCCCT
TCAATGAAGATGCTTTTTATTTCTTTTCTTGCCTAATATTTTCAGCTAAGATTCAAG
TACTATGTTGAATACCAAGTGGTGAATGGGCATCCTGGTCTTAGAGAAAAGTTTTCA

51788 TTTGATTATGTTCTTATTTACTGTGAGTTTAATATTTTCATGTTGTTAGTTTGCTTTTGT
TTTAACTTGAAGAAGTCACTTTAGCATTTTGTAAAGGCAACTATAGTGATTAACCTCCCTC
AGTCTTTGTTTGGGAAAGTATCTCTCATTTTGTAGGAAACCTTTGCTAGGTACAGTATTC
TCAGTTGACAGTTTGGATTTTTTTTTTTTTTTTTTTTTTAAACCAGTACCTGACTATA
TCATCCCATCATCTTCTGGCATCAAGGTTTCTGCTGAGAAATCTTCTGATAGTCTTATTG
[T,G]

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GGTTTCCTTGATGTTATAGGTTGCTTTTCTATTGCTAATTTATAATCCTCTGTTTGTCT
TTGACTTTTGAGAATTTGACTGTAATATGTCTCAGTGACGATCTCTTTATGTTTGATCTA
TTTGGGGTAATTTACATTTTATGAATGTAGATATTCATCTCCTTCTCCATATTTAGAGTT
TTCTGTCAATATTTCTTTTAAAGATCCCTCTGCCTATTTCTTTTTTTAGTTTGTCTT
CTTGGACTTAAATAATACATAATTGGTTCACCTTGATGGTCTCCCATAGCCCTGCAGGCTT

52526 CTTATCTATTGTGTTCTTCAGCTCCAGAATTTTTGATTGGTTCTTTTATATGGTTCCTGT
CTCTTTGTTGAACTTTTAATTTTGTTTTTTATTGTTCTCCTGATTTTATTTACAGTAGT
GGTGTCTCTTGTAGCTTATTGAACCTCTTCAAATGATTACAGATGGTCTCAACTTAT
GATGGGGTTATGTCTGGTAAACTATCATAAGTCAAACTGCATTTAATATCTCAATCA
ATTGTAAAGTAAAAAGTCATAAGTCAACCATCATAAATCAGAGACTGTTTGTATTTTA
[A, G]
TTATTGCCACACAGTTTCATGGATTTTCATTTCTTTAGGATAGGCTATGGATGCTTTATTT
TTTTTTCTTTTGTGGTGTCTGATTCCATGATTATAAGCAATCCTTTTGGTCTCCCTTG
GTATCTTATCATTTGAAGAATTAGGGTCTCCTCTACTCTTACATATTGTATTTGGCAA
AGAAAGCACTTACCAGTCAGCCTTTCAAAGAGTCTAGGTAGATAGGCTGAAGTATCTG
CAGATAACCTTGCTGCTGGAGTCTTAGGTGGCTGGCCTGGTGCCAAGGTGAGCAAGCAC

53801 CCTAAATCCACATGTGCCAGCCTGGAGACTGGGACTGCCCAGGCCAGCTTGAAACTAGGG
CAGGCTACTGCTTGGGTCTGCAGGGCCTAGCCTGGCACCAGGGTTAACTGGAGAAGGCC
TGATACTGGGGTTCACTATGAACCTCATGCTCGATCCATTCTTCTCCCCACATGCTAAAG
GTATCATTCTCCATGTTGTGCTGCATGGTTTTCGGGGAAGGTTGATGCAGGTAATATAAA
ACTGTCTCTCTTACCATCTGCTGTGCATCTTTCTTATTCTCGTGCTTCGCTCAAGTGCT
[G, T]
TAATCTTTCACCTGCATTCTTAGAGCATGGTAAGGTATTTTCTGGTGCGGATGGTTGTT
CAAATGGATATTTTTGTGAAGGGAACCTCCTATTCCACCATGTTGCTGATGATAACCCCTC
TTCTTATTTATTTTAAATCATGCAGCTTAAATACTGAACATCTGGATACCTCCC
CAAATCAACATAGGTCATGTTTCAGTAAATTTAAGCATGCTTGTGTTAGACAGCAGCTTAC
ATTTAGAATTTTTTTTAAATGAAGACATAATTTTAAATACTTTGCTTTAAATACATTGA

53850 TGAAACTAGGGCAGGCCTACTGCTTGGGTCTGCAGGGCCTAGCCTGGCACCAGGGTTAAC
TGGAGAAGGCCTGATACTGGGGTTCACTATGAACCTCATGCTCGATCCATTCTTCTCCCC
ACATGCTAAAGGTATCATTCTCCATGTTGTGCTGCATGGTTTTCGGGGAAGGTTGATGCA
GGTAATATAAAACTGTCTCTTACCATCTGCTGTGCATCTTTCTTATTCTCGTGCTTC
GCTCAAGTGCTGTAATCTTTCACCTGCATTCTTAGAGCATGGTAAGGTATTTTCTGGTG
[C, T]
GGATGGTTGTTCAAATGGATATTTTTGTGAAGGGAACCTCCTATTCCACCATGTTGCTGA
TGATAACCCCTCTTCTTATTTATTTTAAATCATGCAGCTTAAATACTGAACATCT
GGATACCTCCCCAAATCAACATAGGTCATGTTTCAGTAAATTTAAGCATGCTTGTGTTAGA
CAGCAGCTTACATTTAGAATTTTTTTTAAATGAAGACATAATTTTAAATACTTTGCTTT
AAATACATTGAAACTTTTTTGAACATTTTCAAAGATATTACACCAACATTTATTTAAACA

55143 TGTCCATTCTCAGGAGATGCTAAGTAGCACTGGTCATAGACTCTTGCTGAAAAAGTTGC
CCCTAAAAACCACACAGTCAAAACAGCCAACAAGCAACAACAAAAACAAAAACAAAA
TGCACCCCACTGCAACAAACAAAAACAAAAACAAAAACTATTCCACAGGCAGCCT
GATATGGAGTAATAGTGCAAAACAGGAGAAAATAAAATCCAAACACAGAAAGCCTTCT
TTTTAATTCACCTCATTTGAATATTTAAAGCAAGTTAGATTTGAGTGACTGCAAAAAAAA
[A, -]
TACAGTGAAGAAAATCAAGACAGCCCAATAGTCGCAAAATTATTATAAAAAAGTAAAGTCA
GTGAAATGTTGTAAACTTCCGATGTAAATATTAAGTGGTCATGATATAGTAACACTAA
TACTTAGCAAGAACTATAATGATAGAATAGAAAGAAACAAATAGAAAAGTAAGAGCTTTA
TTAAAGTGTTATATTAAAGACTGTCAATCTTAAGGACAGATATTGCTAACTGGTGATTT
AGCTAAATGTGATTATATCAGTCAAAAAGACTGATGTCTCTTGGTTTATCCTGTTTGTAT

55329 GAGTAATAGTGCAAAACAGGAGAAAATAAAATCCAAACACAGAAAGCCTTCCTTTTAA
TTCACTCATTTGAATATTTAAAGCAAGTTAGATTTGAGTGACTGCAAAAAAAAATACAG
TGAAGAAAATCAAGACAGCCCAATAGTCGCAAAATTATTATAAAAAAGTAAAGTCAGTGAA
ATGTTGTAAACTTCCGATGTAAATATTAAGTGGTCATGATATAGTAACACTAATACTT
AGCAAGAACTATAATGATAGAATAGAAAGAAACAAATAGAAAAGTAAGAGCTTTATTAA
[C, G]
TGTTATATTTAAGACTGTCAATCTTAAGGACAGATATTGCTAACTGGTGATTTAGCTAA
ATGTGATTATATCAGTCAAAAAGACTGATGTCTCTTGGTTTATCCTGTTTGTGACAAAG
CTAATATTTTCTTTCAAAGTGAATATATGTATAGTTAACAACATTTTAAAGTTGATTCT

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TAAAACTAAATTGGAAATAGTACGGACCTATCTTTGAATAGAAAAGACCATCCTTATTGG
GCTCATGTGAGCTTTCACTGGCAGATTGAGAGTTCCAGTTGTGAGAGGTCTAAGGAATTA

55687 TAAATGTGATTCATATCAGTCAAAAAGACTGATGTCTCTTGGTTTATCCTGTTTGATGAC
AAGCTAATATTTCTTTCAAAGTGAAATATATGTATAGTTAACAACATTTTAAGTTGAT
TCTTAAACTAAATTGGAAATAGTACGGACCTATCTTTGAATAGAAAAGACCATCCTTAT
TGGGCTCATGTGAGCTTTCACTGGCAGATTGAGAGTTCCAGTTGTGAGAGGTCTAAGGAA
TTATGACTCCCTCCAAAACAGCTCCATGACTGCTCCCTTTTCTCATCCTTCATACCCTC
[A, G]
TGGTCTGGTCATAATTTCTGTGGAGGTTAACCAGGAGTTAAAAAGCATTACAACCCCTGC
TAGTGTAGAATTAACCTCTATCATAAATTAATGTTTCTAAATATTATTGTGGCTAGTAT
GGGATAATTTGTCAAAGATTCCTTTTACCATTAATATTGTCTGAAATTTTCCAAAACA
ATAGTGTATCCAAAGTAGTGCTACCTTCTAAGATCTTTAGGAAAGGAAGGGAATCTAACA
CTCATGTAATATCTTACTCCATTGATCCTTACCGCAATTCTGTAGGCGAAGTAATCTTG

57549 AGGATGTAAGTTTGTCTTCCAAATTTCCAGGCTTGCCAATATTTTCCAAGTTTATCAAAT
GTTGAAGCAAATGGATGTTTTCTGCAAATGCACTATTTCAGGCAGGTCCAAGCAGGGGG
AGTCACTAATGAGTGTGATGGGATAAGGAATTTATTATCACAATTATATCTTACACAAC
GTGGAAGGGGACATGAAAATGAAGCCCACTATTATCATAGTTGGATTGTGAGAAAAGCA
GTCTAAGAAACCAAGCAGATCCAGCTACCAGATGGGTCTGCCAAGGAAAGCTTGTAGAGA
[C, T]
GTCTGTAGGAAACTGTTGCTTCTGATATGTTATTACCTTTGTGGCTCCACAGTGAAAGAC
TTTGTGGTGGGCCTAGCCACTGTTGGATAACAGAAAGATGCTGGATGCATAGTGAAGAGT
TAGGACAGGCTAGGACCCACCAGGTGTCTCTGCATCTGTCCATCACAGCATCTGACTGTG
ATGACCTCAGAGACTAATTGCTACTCACTACTCCACTTTCACCTCCCCAATCTCACAT
ATGCTGCTCTTATTGTCAACTTATAATAATTTGAAGGGGAGGAGATTTGAGAAAACATGA

57606 AATGTTGAAGCAAATGGATGTTTTCTGCAAATGCACTATTTCAGGCAGGTCCAAGCAGG
GGGAGTCACTAATGAGTGTGATGGGATAAGGAATTTATTATCACAATTATATCTTACACA
ACTGTGGAAGGGGACATGAAAATGAAGCCCACTATTATCATAGTTGGATTGTGAGAAA
GCAGTCTAAGAAACCAAGCAGATCCAGCTACCAGATGGGTCTGCCAAGGAAAGCTTGTAG
AGACGTCTGTAGGAAACTGTTGCTTCTGATATGTTATTACCTTTGTGGCTCCACAGTGAA
[A, G]
GACTTTGTGGTGGGCCTAGCCACTGTTGGATAACAGAAAGATGCTGGATGCATAGTGAAG
AGTTAGGACAGGCTAGGACCCACCAGGTGTCTCTGCATCTGTCCATCACAGCATCTGACT
GTGATGACCTCAGAGACTAATTGCTACTCACTACTCCACTTTCACCTCCCCAATCTCA
CATATGCTGCTCTTATTGTCAACTTATAATAATTTGAAGGGGAGGAGATTTGAGAAAACA
TGATTTCCAGCTTAACCAGATATACAGTGTCTCCATCTACAGGCTATTGATGCCTGTTC

58429 GTCTCTGGTCTTGTCTCCCAAACCTTTTCTCTCTCCTTCCCTCAGCTCCAGCCACACTGGC
CTTCTCATGTCTCCTTGAAAATGTGAGACATGCTCTGCTGTAGTGCCTGTGCACTTGCTG
TTCCTGGAATGCCTTTCTCCAAAATAGCCACATGACTCATTCCATCACCTTTTCTGGTC
TTTCTTCAAATGTGACTTCTCAGAAAAGCCTTTTCATGACAATTTATTTAAACTGTGC
CCCTTACTTCTCTTACCCTTCTGTTTTATTTTTTTCCATTGTCCTTTTCATTATCTA
[C, T]
GTACAATATATTACATATGTATTTTGTGTGCTATCTTTTCTCGCATACTAGGACATAAGT
TCAGTAAGCAGAGAGAATTTTCATCTGTTTTGTTTACTGCCATGTATGGCATATGAGGGTG
GACAAAAGCCAGTAGCAATGTTACAAGTATGTGTTGAATGTATTTAATAAAATAGAGTTA
CAAAATCATTGTATCTATTTATAAGAATTATGCATGGGTTTTGTGTGATGAATGCAAGGT
CTAATTTTAAATGCCATATTTCAAAATTAATAACACTAGAAAAACCTAAATTCAGTCAG

58431 CTCTGGTCTTGTCTCCCAAACCTTTTCTCTCTCCTTCCCTCAGCTCCAGCCACACTGGCCT
TCTCATTGTTCTTGAAAATGTGAGACATGCTCTGCTGTAGTGCCTGTGCACTTGCTGTT
CCTGGAATGCCTTTCTCCAAAATAGCCACATGACTCATTCCATCACCTTTTCTGGTCTT
TCTTCAAATGTGACTTCTCAGAAAAGCCTTTTCATGACAATTTTATTTAAACTGTGCC
CTTACTTCTCTTACCCTTCTGTTTTATTTTTTTCCATTGTCCTTTTCATTATCTACG
[T, A]
ACAATATATTACATATGTATTTTGTGTGCTATCTTTTCTCGCATACTAGGACATAAGTTC
AGTAAGCAGAGAGAATTTTCATCTGTTTTGTTTACTGCCATGTATGGCATATGAGGGTGA
CAAAAGCCAGTAGCAATGTTACAAGTATGTGTTGAATGTATTTAATAAAATAGAGTTACA
AAATCATTGTATCTATTTATAAGAATTATGCATGGGTTTTGTGTGATGAATGCAAGGTCT
AATTTTAAATGCCATATTTCAAAATTAATAACACTAGAAAAACCTAAATTCAGTCAGT

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58840 TATGAGGGTGGACAAAAGCCAGTAGCAATGTTACAAGTATGTGTTGAATGTATTTAATAA
AATAGAGTTACAAAATCATTTGATCTATTTATAAGAATTATGCATGGGTTTGTGTCATG
AATGCAAGGTCTAATTTTAAATGCCATATTTCAAATTAATAACACTAGAAAAACCTAAA
TTCCAGTCAGTTTTTTCATCGTGATTTTCATCTCACCAGTGAGGAGACCTGCAATGTGAAG
AAATATTCATTGAATTTATCCAGCTTCATAATTTCTTTTGTGCAGGGTATTGAAATAGTC
[G, A]
GTCATAAGCAAAATTTTCTCAGACATTTTAAGCAATGTGTTCTCTGCTTGAAGTCTTGA
ATTAATCATTTTCTAATCTGACCCCTGAAACATTAAAGGATTGAGCTTAGTGACTTGAAGG
AAAGACAGTTTAAAACCAAGTATCTAGATTTATTTGCTAATTTCTTACATGTCAATATGT
AGACACTAATCTTTAAGGACCCCATGCTCAAAAAGTATAATATATGTAATGAAATCCAA
AAACACCTTTACTTACTTACCACATCACTGCTGCTCTCCCTGTTACTACTTTTCATTTTTT

60138 CAAATCATACTCTAAACAGTATACTTTTTCGAATTGAGTAATTTTTGTTTAGAAACAGTC
AAAATAATGTCTACTGCAAGAAATCTCATACTTATAAGTACATTCTATCCTAAAAGTTGT
TGAGTCGATTGTTTGGAACTTAACACATTTTACACGTAACCTTACATAAGGTTAG
ACATGGGGGCTGTGTCTCCATGCTTGAGAAAAAATTAGTTCAATTAGGAAAATATAAG
AGGGTAAATAAAAACGATTTTGCAGAGTCTAAAAGTTGTGTTTGGACATTGTCACAAAA
[T, G]
TAGGGCACTGGGTTGTTATCTTTAATAATATTTTCTGCCCCCTACCTTAGAACTCAAGGA
TTCTGTTTCTAGATATTGATTGTACAACCTACCTAGCACTGGCTGGCAGCTGTTATTCA
GTGCATCACTTTTTGTAGTGGTAGTAAATGATTAGGAAAAAATCCCTACAAATGCTTCAG
TAGAGAATGTGTTGCATAAATGACACAATCATGCAGTAAATACAATGCAGCCCTTAAAA
AAGAATGAGATATACTTTTGTGTACTTACCTGAAAACATCACTAAGATATATCATCGAGG

61350 GGCATTTGGATTAAAAAGTGGAAAGAGTGTGTGAGCAACTATTCAGAAGTTATAACAAG
AAGTACATATAACAACCTTAGCTCTTACAGGATAGGAAAGAGTATAATATTGTGTGCACGC
GTATAAAAAAGATGTATATAAATTTTAAAGGGCTGGACATGGTGGCTCACGCCCTGTAATTC
CAGCACTTTGGGAGGCTGAGGCAGGTGGATCATGAGGTCAAGAGATCGAGACCATCCTGG
CCAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAAATTAGCTGGGCTTGGTGGCAC
[A, G]
TGCCTGTAGTCCCAACTACTCAGGAGGCTGAGGTGAGAGAATCACTTGAACCTGGGAGGT
GGAGGTTGCAGTGAGCCGAGATTACGCCACTGTACTCCAGCCTGGGCAACAGAGCAAGAC
TCTGTCTCAAAAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAACAAAC
TAAATGCTGTCGTTTTTCTTAAAGGTGAAAGCTCTCTACAACTTTTGGAAAAAATACTTT
TTGCCATAATTTTGGCAACAAACCTAAACAAATTAACCTGAATATTATAACAGTTGATA

61836 GCTGTGTTTTTTCTTAAAGGTGAAAGCTCTCCTACAACCTTTTGGAAAAAATACTTTTGCC
ATAATTTTGGCAACAAACCTAAACAAATTAACCTGAATATTATAACAGTTGATAAGTAA
TTAAATTTACAATAAAGTTTTTTTGGATTTCATAAAATTGCGTTTGAATGACCTAGGC
AGATGAACCCCTCAGAAAGACAAAAAAGAAATTTGTTCTCTCCACTAAAG
GGTGTAGACTCAATGGGTCAATAATTGGCCAAGTAGTAAATGCGTATAACTCAATGAATA
[A, C]
ATTTACTGTAAGTAGACACAGGTCAGTTCTATTTTCAAGATATCATGCTATGCAGTGATGT
CTGATAGTATGTACATTAGTTTAAATGAAATATCTAAATATCAGTTTCATAATGAGG
TAAATGTGAATCACACCCATTTATTCTCTATCATCTCTTTTGTGTGATTTAATAATTGT
AAAAAGTATTAAATACATGATAAAATATACTTTTGATATTTATTGCATATAGTGAAGA
ACCTTGTGAGATTATTTATTCAAGAACATTCAATGCTTATCTACCGTGTGCCAGGTTCTG

62048 AAAAGAATTTGTTCTCTCCACTAAAGGGTGTAGACTCAATGGGTCAATAATTGGCCAA
GTAGTAAATGCGTATAACTCAATGAATAAATTTACTGTAAGTAGACACAGGTCAGTTCTA
TTTCAGAATATCATGCTATGCAGTGATGTCTGATAGTATGTACATTAGTTTAAATGAAA
ATATCTAAATATCAGTTTCATAATGAGGTAAATGTGAATCACACCCATTTATTCTCTAT
CATCTCTTTTGTGTGATTTAATAATTGTAAAAAGTATTAAATCACATGATAAAATATA
[-, C]
TTTTGATATTTATTGCATATAGTGAAGAACCTTGTGAGATTATTTATTCAAGAACATTCA
ATGCTTATCTACCGTGTGCCAGGTTCTGTGCAGGCACTGATAATAAGATCAGGAAAAATA
TACATAGTTCTGCCCCCTACAGTGTAGAGTAATGAGAAGATAAAGGATTTGAATTTAGAC
TTGTCTGGTAAACCAAGACGCTGTTTATAGATTGCATTACTTGACAGTTAATGAGCTTC
TCTAATCTCCATTTATTCAAAATATATTTATGGAGACTCTCCATCTGCCTACTACAAT

62721 TTCTTTATCAGATAAATAATATAATCAACTTCATTGTAAACAAAGATGAAATGAAAAA
TGTATATATAGAGCACTGAGATTAGTTCTAGAAAAATAATTGACTTCCAATAAAGAGAAA
TTCCCATTTTCTTTGATTATGGCTCTTTAGACAATTTTTTCTACAAAGCCTCATTTTT

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TTAGAAAGAAGGATCTCTGTTTTTCCCATCTTTGTATTCAAGATAGGAACTTAAATTTTA
TTGAATTGCTATTATTTGGAGAATCATTCAATTACCACACGCATGCCAAAAAGTGTCACC
[G, A]

TATTGGACAAAGTTAGCCTTTTTAAAAAACAAATGATAATAACCAGTCTTATAAATTAT
ATAAAATCTGCTTCAACTTATTACATTCAATGTGATAATGCAATTACTGTTAGTTCAATT
TATATCAATAGTTTGCCTTGTTTACACAAAGGGACCAAATAAAATACATAGTATTCTCTT
TCTTATGGCATAGTCAGAGTCATGTATTTTAACTTGATTGAAATCTTGGCCCTGTTACT
TGCCATAAGGCTGTTGGTAAGTGCTTCACTTTGCTGGGTCTTTCTGTTTTCTTCTTTGTA

62885 ACAAAGCCTCATTTTTTTTAGAAAGAAGGATCTCTGTTTTTCCCATCTTTGTATTCAAGAT
AGGAACTTAAATTTTATTGAATTGCTATTATTTGGAGAATCATTCAATTACCACACGCAT
GCCAAAAAGTGTCACCATATTGGACAAAGTTAGCCTTTTTAAAAAACAAATGATAATAA
CCAGTCTTATAAATTATATAAAATCTGCTTCAACTTATTACATTCAATGTGATAATGCAA
TACTGTTAGTTCAATTTATATCAATAGTTTGCCTTGTTTACACAAAGGGACCAAATAAA
[A, G]

TACATAGTATTCTCTTTCTTATGGCATAGTCAGAGTCATGTATTTTAACTTGATTGAAA
TCTTGGCCCTGTTACTTGCCATAAGGCTGTTGGTAAGTGCTTCACTTTGCTGGGTCTTTC
TGTTTTCTCTTTGTATAATGAGGATGATTAAACCTCACAAGGTTGTTAGGAGAATAAAA
ATGAGATACTGTAATACAGTGAGTATATGTAAGCACTTAGCATAGTGCTTGGCTTATAT
AGGAGATGCTCAACATATATTTCGTCTCCTCACTTCAATATTTACTCTTACACTTTTACT

62888 AAGCCTCATTTTTTTTAGAAAGAAGGATCTCTGTTTTTCCCATCTTTGTATTCAAGATAGG
AACTTAAATTTTATTGAATTGCTATTATTTGGAGAATCATTCAATTACCACACGCATGCC
AAAAAGTGTCACCATATTGGACAAAGTTAGCCTTTTTAAAAAACAAATGATAATAACCA
GTCTTATAAATTATATAAAATCTGCTTCAACTTATTACATTCAATGTGATAATGCAATTA
CTGTTAGTTCAATTTATATCAATAGTTTGCCTTGTTTACACAAAGGGACCAAATAAAATA
[C, T]

ATAGTATTCTCTTTCTTATGGCATAGTCAGAGTCATGTATTTTAACTTGATTGAAATCT
TGGCCCTGTTACTTGCCATAAGGCTGTTGGTAAGTGCTTCACTTTGCTGGGTCTTTCTGT
TTCTTCTTTGTATAATGAGGATGATTAAACCTCACAAGGTTGTTAGGAGAATAAAATG
AGATACTGTAATACAGTGAGTATATGTAAGCACTTAGCATAGTGCTTGGCTTATATAGG
AGATGCTCAACATATATTTCGTCTCCTCACTTCAATATTTACTCTTACACTTTTACTACC

63035 TAGCCTTTTTTAAAAAACAAATGATAATAACCAGTCTTATAAATTATATAAAATCTGCTT
CAACTTATTACATTCAATGTGATAATGCAATTACTGTTAGTTCAATTTATATCAATAGTT
TGCCTTGTTTACACAAAGGGACCAAATAAAATACATAGTATTCTCTTTCTTATGGCATAG
TCAGAGTCATGTATTTTAACTTGATTGAAATCTTGGCCCTGTTACTTGCCATAAGGCTG
TTGGTAAGTGCTTCACTTTGCTGGGTCTTTCTGTTTTCTTCTTTGTATAATGAGGATGAT
[T, G]

AAAACCTCACAAGGTTGTTAGGAGAATAAAATGAGATACTGTAATACAGTGAGTATATGT
AAAGCACTTAGCATAGTGCTTGGCTTATATAGGAGATGCTCAACATATATTTCGTCTCCTC
AACTTCAATATTTACTCTTACACTTTTACTACCATAAGTAGAAAGTACAGTCAGCACTCT
GTATCAGTGGGTTCTGCATCCATGGATTCAACCACTGCAGATCAAAAATATTGACAATA
AAAAGAATGTGTCTGTACTAAACATGTACAGACTTTTGCTCTTGTCATCATTCCCTAAGC

64406 CAATGCATCTCCTTAATAGCTCCTCTTTCTCCTTTCTCTCCTTCTCTTTCTTTCTTTGT
CCTCTCCCTTCCCTTCCCTTTCTCCAATGCATCTTTCTCCTCTCTTTTGTCTGTCTCTAC
CACTATTTTTTGACTTATATTTGGCCCAAATACAGTCTTCAATCAATATGTCTTTTCA
GCTGAACACCCAAAAGATAACCAATTCAGTCTTGCACTATTTTAACTACACTTAACAGAG
AGAAACTGATTTGGCCAGATCGTTTGTATTGGCCAATGATTGGCCTCCCTCGACTTGAA
[A, G]

ATGAGCACATGGGGTTGTGTACATGTAATACTTACATGAAGCCTCCCATCCAGAGGCTAC
ATGTAGGTAGAGAAGGTTCACTAGGAAGGGATCATTTATATTCTAGCACCACACAATGG
ATGTGGAATGTAGTATGTACTTGATAAATACCTGCTAAATAAATGAGAGAACGGTATATT
CATAGCTTATTTTTGTAAATGTGTACTCTTTTCATACTTTACTAGCTTTACTAATAATTG
ACAGCCAATATGTGTGGACTGCTTATGAGCCAGATGTTGTTTCATGCACAGTCCATGTAT

65296 TGGACATCAAGGAGGTCAAAGAGTTTTCTGGTACACAATGCAATGAATGCCTAAAAAGT
ATAATCATCTTGGTCCTAAAAATCTATTAGTTTTTTTCTTTTCTTTCATTCTCTGGTT
ATATAGCTCTACATTCTTCTTTTATAATCAGTTTTTTACTTTGATTATTCAATTTATC
CATATCCATTGACTTTTAAATGTGATGGCTACTCTTTTAAAGCATCATTTACACTCAA
TTTCTATTCCGTAGCCCCAAACCACAACCTCATCAATGCCTCCTCAAAGGGTAACATGTGA
[G, A]

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TAGAAAGAGAAGCATGGTAGACAATAAGAGGAAAGTATTTTGTGCAACAAAGAACAAGTC
ACAATGGCAGTGTAAATTTCTAAAATTCAAATACATTATGTATAATAACAAAGATAATGAAA
TGAAAAGTACAATATAGTTCAAATTTAAACTAGACTCACTGTTAAAGAAACACAGACTAA
CACAATCAGATAATTTTTTTTTTACTAAACTAGTTCATTTTTTTGAAAAGATAATATCC
TGATATAGAGAAGGCATGCAGTAGGAGAGTAGTGTATTTCTAGCAACAATATGGTTATA

67742 CCTCGGCCTCCCAAAGTGCTGAGATTACAGGCATGAAGTACTATGCCCGGCCTCTATTCC
TTTGATATTGGAGGACAGATTATGTCTATCATTTGACAGTTACAAATTATCTTGTTTAAG
GAAATACAGCCATGTTTTGCTCTAGGAAGAATTCTGACATGGTATAAAAAATTAACAAC
ACCGTTCTACAAAATATGTTTAAAGATCACTGTGATGATTGAGGTGAAGTTATCATTTGA
GGTGAAGCTTTGCAACAATTGGGTACTTGGGAAAAGATGGGTGCAAAGCTTCAAGGAGAG
[C, A]
GATTAGGTTAGCCATGTGTAGGATTTTTCTTTTTACGGAAAAAGTGAAAGTACAGCTT
TTTGTTTTCTTCTCTGAGTTATATATGTCTATTTCTCCGCTGTATAAGATTCTCAAAC
ACAGGGATGATATCATATTCACATTTGGTACACATTAAATGAATGTTAATGCATTGAATT
TGTTGAAGTGGGAGAAAGAGGGAGCAAAATGCTAGAGATGTAAGCTAGTTATAT
TTACTTGAAGTGTATTCCTAATTGGCTTCCACTATTGATTCTGTGTGTTCAATGGGGCT

68243 AGAGGGAGCAAAATGCTAGAGATGTAAAAGCTAGTTATATTTACTTGAAGTGTATTCCTA
ATTGGCTTCCACTATTGATTCTGTGTGTTCAAATGGGGCTTTCAGTATCTTAAGTTTAAA
ATAGATTGATGTGTTTCCAAATATATCTGAGCTGGCTGATCTGGTGGTCACTTGACTTTA
ATACTTGTGGCCAATGGAAAAAGGGAGAAAAAGGAAGAGATTCAATAAATACTCCAACAG
GAGAAAATGTACAATACTGAATTAATTGGAGCAAAAAGAAATGTTTAACTTACAGAGTTA
[C, T]
TGTCATGGGGATTGAATGTGATAATATATGTTGTCTTTTTTAGAGATCATTTGGATACAA
GAACCTGAAAAGTGTCTACTAATAACAATAAATAGGGATACATTTTAGAGGGTACAGGAA
AATTCCTTAATGAGTAATCAAAAATAAAAAGTATAGCTTACCTCATAAAAAATTAAGAA
GTCTACATTACTCTCTTTATCTCTTTCTCTCTCCCTGGGACCTCATGGTCTGCTCTCAAC
TCATTTCTCTAAATGTCTGTGCCATTCTTTATGATATTTTTGGCCTAGGATAACAGAAAA

69166 AACTACATAGTATTATAACAATAATTTAAAGCTATTTATAAAGCTTTCAAATGGAGATAG
TCTAAAGATATAAAAATATGAGATCAGATAAAGGCTAGGAAAAAATCCAACTTTCACT
CTGAGACTATTAAATAGATCAAAAAGTTATAGGCAGTCACATGTAAATTGTTTAAATTTGT
AGAAATTTTATTTCATTTGGAATACTTTTCATATTAAAGTTTATTATAATAGCTGTTATAG
TAATTCATAAATTAATAAATAACATACCAAAAATCTAGTAGAGGCAATAAAAATGTATA
[A, C]
AAATAAGAATGATGCAAATCCAAATGTAACTTCAGAGAAAGGGCAACCAGGTGTACCT
TAACATGGAGGGAGGAACTGAGGAAAGTTTCATGGCTAAAGTGATATTTGACATCTAGA
AGTTGGGATAGAGGAAACCTACACAAAGGAGGGAACAGAGTAAATATAGACTCACAAAA
GCCAAGTTGCAAAATACATGAATAATATTATGGAATCATGAGAAATTTCAATTCATAAGAG
CAATGAAAATAACAATAACATGTAGAGTGGATTTTGATCATGAAGTTCCCTGAGAGTCAA

69995 AAACATAACCATCACCTGGATAGGAAGAAAAGGCAAGTCTAAGATTTTTGGACCAGACCA
TAGAAACTAGAAGAAAGGTAATGCCTTTACCAAAAGTATGACAGTGAGGAGAAATTTTTT
AGGAAGATGTGATGAATTTGTCAGATCTGGGTCCAGTGCAATTGAGATAACTAGTGGGAC
GTTAGTTGCAAAATATTTGGGAAATTCAGTCTGGAGCCTGGAAGAAATTCAGAGATATA
TTTAGAAATATAGATGTCTTCAACATATTGATAATACACAAGAACATAAGAGGAAGAGAA
[G, A]
AGGTGAAAATAAATAGATTTCATGAGATGAAAAACAAACATTACTTTCTCATAATGTGTA
TTATTCTATCCGAATCATATAATAGTCACAGTTTCAGGATGAATTTCTGCCATCTTAATT
GATTTCTCAAAGCCATTATCTCAAAGACGTTAGTATCATTGTTTACAGTTTATGAAACG
GATGCTCAAAGAGGTTAGACGTTTGACCCAAAGCATACAATCTGAAAGCAGAGATATTGG
AACACTTGTGCTTGGCTTTAGACTGTAAATCTCATCTTTAATAGTTTATAGTTAACTGAA

70210 GCCTGGAAGAAAATTCAGAGTATATTTAGAAATATAGATGTCTTCAACATATTGATAAT
ACACAAGAACATAAGAGGAAGAGAAGAGGTGAAAATAAATAGATTATGAGATGAAAAAC
AAAACATTACTTTCTCATAATGTGTATTATTCTATCCGAATCATATAATAGTCACAGTTT
CAGGATGAATTTCTGCCATCTTAATTGATTTCTCAAAGCCATTATCTCAAAGACGTTAGT
ATCATTTGTTTACAGTTTATGAAACGGATGCTCAAAGAGGTTAGACGTTTGACCCAAAGC
[A, G]
TACAATCTGAAAGCAGAGATATTGGAACACTTGTGCTTGGCTTTAGACTGTAAATCTCAT
CTTTAATAGTTTATAGTTAACTGAAATAAGTATAAATATAAAGCTTTGTATTTGAAATA
TTAAAGAAAATATGTATATATATGAATGTATATATATGTAATATGTATATATATTAT

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ATCCAAGAGTAATGTTTCAGGAACCTCTATATTTTAATTAAATAATTTAAACATCTCTACTG
TTCTCTAAATTCCTTCAAATTTTGAATCATCAAATAAGTTCATTTCAGATTTTATAAAGT

70462 CAGTTTATGAAACGGATGCTCAAAGAGGTTAGACGTTTGACCCAAAGCATACAATCTGAA
AGCAGAGATATTGGAACACTTGTGCTTGGCTTTAGACTGTAAATCTCATCTTTAATAGTT
TATAGTTAACTGAAATAAGTATAAATAAAAGCTTTGTATTTGAAATATTAAAGAAAAT
ATGTATATATATGAATGTATATATATATGTAAATATGTATATATATTATATCCAAGAGTA
ATGTTTCAGGAACCTCTATATTTTAATTAAATAATTTAAACATCTCTACTGTTCTCTAAAT
[C, A]
CTTCAAATTTTGAATCATCAAATAAGTTCATTTCAGATTTTATAAAGTAAAGGGATGAGT
GGATTGATGTGAGAATTATCAGGCAAATATGTAATCAAATCCCATGTACTCAGTCTTAC
GATGTAGCATCTGTGAATAGCTGCAGTTTCAAATTAACCAGCCAATTGTTTCATTAAT
GTTACTAAAAATTTAAAGTTTAAAGCTCCTAGTTGGACAAATGGTGAATTAATTTAAAT
TTTAAATCAAGAGCATCGCTTTGCTTTTGTATTGTACCATTCTAAAAATCCCAAAGGGTT

70720 TTTTAATTAAATAATTTAAACATCTCTACTGTTCTCTAAATTCCTTCAAATTTTGAATCA
TCAAATAAGTTCATTTCAGATTTTATAAAGTAAAGGGATGAGTGGATTGATGTGAGAATT
ATCAGGCAAATATGTAATCAAATCCCATGTACTCAGTCTTACGATGTAGCATCTGTGAA
TAGCTGCAGTTTCAAATTAACCAGCCAATTGTTTCATTAATGTTACTAAAAATTTAAAG
GTTTAAAGCTCCTAGTTGGACAAATGGTGAATTAATTTAAATTTAAATCAAGAGCATC
[G, A]
CTTTGCTTTTGTATTGTACCATTCTAAAAATCCCAAAGGGTTAAAAACATGATTATACAC
CTATGTTCAAGATTAATTTGTTTATAAGGACAGCTGTGCCTTCTGATTGCTTATTTGCA
TCCTAAGTTTGTGTGTTTACAAAATTTGACTGTTCAACCTGCAGATGCCGTTTTAATGT
TTTGCTTCAAACCTTTTAAACCCCTTGAGTTTCTATTTTATCCATGTCAATTTATATATAT
ACATATGCATATATGTGCACATATGCATGTATTTTATAACCTAACATATATATGTATGCA

72360 CCTTCATCCTCCTTTAAAAAATCCTACTGGCCTCTCTCACTCATGACTTGATGAAGTAA
TGATATCTCTTTTACCTCTCCGTTGTCAGTTTTTCTCTATCCTATATCCATGTTTCATGAT
CCAAATGTGGCATTGCTTAATTAAGTCTGTGGATTTTGTCTGATTCCAGAGTTGGTGTGGA
ATTGGATGGAAGATAGGGCACTTTTGACTTCAGAGGTAAATGGATGATGCTAGATGATCG
ATGCTGTTGGGTTTTTCCCTCCATGTGGTAAACATAAAGGCACAATTTATAAAAAA
[-, A]
CCCAGCTTCAGAAAATCTGTCCAAAACGATTACAATTTGAGGCTTTCTCCAAAGTTGTG
TTTTGATTAATCAATAACATCTTTCACTTACTTTTTTATGTCCTTTGATAGTCAGCCTTC
AATTTACTAATTGCTTGTACTGCCAAATTAGTCTTTAAGTCAATCATTTAGGAACCTAA
TTTGTTTTAAGTCAGTAATTTAAACGTTGGGACATATTTTGTGTAGATACTATCTACTA
ACTACTCTGCTAACCCAAAACATGGCTGACTATCTTGCTAACACAAATCAATTTATTTCA

72401 TCATGACTTGATGAAGTAATGATATCTCTTTTACCTCTCCGTTGTCAGTTTTTCTCTATC
CTATATCCATGTTTCATGATCCAAATGTGGCATTGCTTAATTAAGTCTGTGGATTTTGTG
ATTCCAGAGTTGGTGTGGAATTGGATGGAAGATAGGGCACTTTTGACTTCAGAGGTAAAT
GGATGATGCTAGATGATCGATGCTGTGGGTTTTTCCCTCCATGTGGTAAACATAAAG
GCACAATTTATAAAAAAACCAGCTTCAGAAAATCTGTCCAAACGATTACAATTTGA
[G, A]
GCCTTTCTCCAAAGTTGTGTTTTGATTAATCAATAACATCTTTCACTTACTTTTTTATGT
CCTTTGATAGTCAGCCTTCAATTTACTAATTGCTTGTACTGCCAAATTAGTCTTTAAGTC
AATCATTTAGGAACCTAAATTTGTTTTAAGTCAGTAATTTAAACCTGGGACATATTTG
TTGTAGATACTATCTACTAATACTCTGCTAACCCAAAACATGGCTGACTATCTTGCTAA
CACAAATCAATTTATTTTCATATTTCTCTTAAATATTTCTTTGCTTGTGATGAAATTGTT

72570 CAGAGGTAAATGGATGATGCTAGATGATCGATGCTGTGGGTTTTTCCCTCCATGTGGT
AAAACATAAAGGCACAATTTATAAAAAAACCAGCTTCAGAAAATCTGTCCAAAACGA
TTACAATTTGAGGCCTTTTCCAAAGTTGTGTTTTGATTAATCAATAACATCTTTCACTT
ACTTTTTTATGTCCTTTGATAGTCAGCCTTCAATTTACTAATTGCTTGTACTGCCAAAT
AGTCTTTAAGTCAATCATTTAGGAACCTAAATTTGTTTTAAGTCAGTAATTTAAACGTC
[G, A]
GACATATTTTGTGTAGATACTATCTACTAATACTCTGCTAACCCAAAACATGGCTGAC
TATCTTGCTAACACAAATCAATTTATTTTCATATTTCTTAAATATTTTCTTTGCTTGTG
ATGAAATTTGTTAATTTCAAAGCATCACAGGCAGATTAAATGTTGTAGGATACTATTT
GAGTTTTTCAATTTACAGCATAGGACTTTATAAATAGCCTTGTGATTCAACAATAACTTG
AATGATGCTTTCTAACTGGGGCTAACCCCTGGTAAATTTGTTTCATATTAATTTAAATCC

[illegible]

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AGGAGATCTCTAGTCAGGGAAAATAAAATGAGTAGTTGGAGAAAAGCAGTGGAGAGAAAG
ATAAGATCTAAAGAAAAGAGAGGGAAGCAGAAAGAAAGGGAGCCTTTGTATTCTTGAGAG
[G, T]
CAAAGAGAGCAACGCTGAATGTTGGCTTCTCAATTCCTCTGCCCATTCTTGAGGGACTCA
CCTTTACTATCTTTCCCTTCTTTGGAGATTGAGCAACTCAACTCAAATTACATTAAGGGA
GAAAAAAGTTGAGACTTATTAGGAGAATAGGAAATATCAGAATTAAGGAATGTTTAAACA
GTCACACTCTAGGAAGGGGAGAGGTTCTGGCACAGCTGAGAAGCAGCTGGATCTGTAGAC
TCAATACCACCATCCACTCTTATCGAATCCCTCATCTGTGCTTCTCTTTGTATGATGCA

78820 ATCTCTAGTCAGGGAAAATAAAATGAGTAGTTGGAGAAAAGCAGTGGAGAGAAAGATAAG
ATCTAAAGAAAAGAGAGGGAAGCAGAAAGAAAGGGAGCCTTTGTATTCTTGAGAGGCAAA
GAGAGCAACGCTGAATGTTGGCTTCTCAATTCCTCTGCCCATTCTTGAGGGACTCACCTT
TACTATCTTTCCCTTCTTTGGAGATTGAGCAACTCAACTCAAATTACATTAAGGGAGAAA
AAGTTGAGACTTATTAGGAGAATAGGAAATATCAGAATTAAGGAATGTTTAAACAGTCA
[C, A]
ACTCTAGGAAGGGGAGAGGTTCTGGCACAGCTGAGAAGCAGCTGGATCTGTAGACTCAAA
TACCACCATCCACTCTTATCGAATCCCTCATCTGTGCTTCTCTTTGTATGATGCACCTCA
CACTCAGGCAGATTTCTTTCCACTGTTAGAAAGTGATAGGTAACATTGCCAGATTAAAA
TTAGACTGCCTGACTTAGATAAGAGCACTATGACTTAGTTGCACTAAGACTTGACATCG
ACTCTAACCTACAGTTTCCTTACCTGTAATATGTGGTGTATAATGATAGAGTTGCTGTTA

80042 TTGTAATTAGTTGCTATTCTACACGTAAATAATGTATTGTTTCATAAGTGAAAGAATAATA
CCTTGTGCGGATCTTTCTAAGGAAGTTTGTGTTAGAATGCATTATCTAGAGAAATCTTACG
TGTGCTGTTCAAAGACCATATTTAAGTATTCAATAAAGCATATATTTTAGAGGGAAAAT
CCTTTTAGAGCAGATGCTGCAATGAAATAAAATATTGAAGCCAAGCTTATTTGTATGCAT
ACCAACACTAAACATTTCTGGTGAATTAGGTTAAAGACAAGTGATTCACTACTTTTGAT
[C, T]
GCATTAAGAATACTAGTATATGGCTCAGAAGATATTATTTAGAGGAGTAATGAGAAGGGG
ACCATTAATGTTACTTCACTCAAAATAAAAAATTTATAGTATTTTGGACTTTTAATGGTAA
CTAAGTGATTATTCTCTTAAACCTACAAGGCATAGACATTAAGGGGACGCAGAATTATT
GCATGGGTCCCTAAATTTACAGGAGAAATAAGCATGTCTGAAGATTGAATAAATAACAT
GTCTTGACACATGGTGATTTTTTCAAATGCAAGGAGGAGTTTATTGAGATTTATAAAA

80451 TTTTAATGGTAACTAAGTGATTATTCTCTTAAACCTACAAGGCATAGACATTAAGGGGA
CGCAGAATTATTGCATGGGTCCCCTAAATTTACAGGAGAAATAAGCATGTCTGAAGATTG
AATAAATAACATGTCTTGACACATGGTGATTTTTTTCAAATGCAAGGAGGAGTTTATTG
AGATTTATAAAATGTAAATTAATTTAAATATTTTCTGAATGATGGTTTGTGACAACTA
ATTTCTGTTTAAACCAATGTATGTCAGAGCAAAGTATTGTTTTTGTGTTTCTACTTGAG
[A, T]
CTTTTTTTAGAAAATTATGCAAGGTGGTTACTAAACTAGAAAATGTTTGAATCCCTGCG
TTAGATTTCCACTGAACATGTACGTTTCAAACCTATGTCAAAGTGTGTTTGAAGATAAAT
AAGTATTCTAGCTAGCTATCATAAGCTACACAAATTCATAGCATTAAAGAAATTATGTGCC
ACATGACCGTACACTTGGTTAACATAGTAAAATACTAAAGCTTTTCCACTTAAGTGACG
TTATTATCTTTCAATTTTCACTACACACTCTATGCAAAGTTATTACATATTCTTCAGGACT

81151 ATCTAGAAAGTAATTATTTATCAATTTTTGACATTTACATTGTTTCAAATTTCTCTCATT
TTAAAAATTCAAAAGCTTTTGTCTCTGGATATTTTTTCTTTTTCTACTCTTTCCCTCTC
TTCCCTCTGTTCTTTCTTTTTCTCTTCCCTTCCCTGCTGCTGCTGTTGTGATGTTCTTCC
TTCTTTCCCTCCCTCCCTTTCTCTTCAATTTGGTCTCAATCTAATCACACCTAGCTTGC
AACTTATTTCCAATCAACATCAGTGATAGATCTAAGAGCAATTATTGTGACATGCCCTTA
[C, G]

TATTCTTGAGTTGTAGAGACCCAGGACTTACATTGTTCAAGAAATTGGGCTGAGAAACC
TTGACAGGGTTAATCCATTGTGATCACCCTGAAAATGTACCGTGATTTGTCTTAGGGAT
CTACTTGAAAGATGACCTTTCTGCTGACAAGTTTACTCCCTCAGTGCTGGGCTGAGCTAT
TCTCCCCAGACTCCAATGATACCATGCAGCTATTAGTCCCTAGGCTAGGTACAACCTCCC
AGGACCTGTGTGAGGCAAGGTTGCAGGTCTCTACCATTAACAGAGGACAATCCAATTTAC

81254 TTCTACTCTTTCCCTCTCTTCCCTCTGTTCTTTCTTTTTTCTTCTTCTTCTTCTGCTGCC
TGTTGTGATGTTCTTCTTCTTCCCTCCCTCCCTTTCTCTTCAATTTGGTCTCTCAATCT
AATCACACCTAGCTTGCAACTTATTTCCAATCAACATCAGTGATAGATCTAAGAGCAATT
ATTGTGACATGCCCTTACTATTCTTGAGTTGTAGAGACCCAGGACTTACATTGTTCAAG
AAATTTGGGCTGAGAAACCTTGACAGGGTTAATCCATTGTGATCACCCTGAAAATGTACC
[G, C]

CCTCAGCCTCCCAAGTAGCTAGGATTACAGGTGCCACCACCAAACCTGGCTAATTTTTT
TTGTATTTTTTAGTAGAGATGGAGTTTCTCCATATTGGTCAGGCTGGTCTAGATCTCCTTG

86005 TGGTATTGTGGCACTTATTAGATTACGACAGAATAGTTGATTCCAGCCCAATGTAGACT
TAGTGACAGTAAATTCGTATATTTATTTTAGACCAAATTAATTCCTTGCAAAGTGACTC
TTGTTCTAAGCACTCCACAAGAGCTGCTTTCTCAACAGTCTCCAAAAGTTTGCTAAGTCC
TAAATACAGTGGCTTCTTCATAATTCATTTTTCTTTGCATTTTATTGCTTTGGATTAA
GGACATTACTTCCTGCTGGTTTTACTTTTCTCCATCTCCTTTCTAGCTGATTTTTAAAA
[C, T]
CCATCTCTTAAATCTCGTACTCTCTTAAAGTCAATGTAAGTTCCCCAAGTTTCTTTTCC
TGGACTTGCTCCTATGGTCTTGTTTCAACAATTGCATTTTTTCTGTAATTTATAAATG
TACAGATCCAACCTGGTTTTTTACCTGCTACCTGGATGTCTCCACATTGAAATCCTACT
AATACCTCAGTCTCTCTTCTGTTGAAAACGCACTAATTATTTTAACTATTTTCTTTCA
AATCTTTTGCTGGCTCATTCAATTAATTTAATTTTGCTAGAAATCTTAATTTTCTTTTA

86184 CTAAATACAGTGGCTTCTTCATAATTCATTTTTCTTTGCATTTTATTGCTTTGGATTAA
AGGACATTACTTCTGCTGGTTTTACTTTTCTCCATCTCCTTTCTAGCTGATTTTTAAA
ACCCATCTCTTAAATCTCGTACTCTCTTAAAGTCAATGTAAGTTCCCCAAGTTTCTTTT
CCTGGACTTGCTCCTATGGTCTTGTTTCAACAATTGCATTTTTTCTGTAATTTATAAA
TGTACAGATCCAACCTGGTTTTTTACCTGCTACCTGGATGTCTCCACATTGAAATCCTA
[T, C]
TAATACCTCAGTCTCTCTTCTGTTGAAAACGCACTAATTATTTTAACTATTTTCTTTT
AAATCTTTTGCTGGCTCATTCAATTAATTTAATTTTGCTAGAAATCTTAATTTTCTTTT
ACAATTTTATACCTCCCTATCCCTTGTTATAAAAGTAATTGCCAAAGTTGTCGATTCA
CTCTCTGTGATGTCTTTCTTTTCTGTTCTTTCCATTTTTCTTTTCTCATTTCTACTA
CTCTTGACAGTTTCAGACTGCTGCCTCTTGATCTATTGTAGTAATCTCCTTTCTCCCT

93033 TGCTTTTTAAAGACTTTTCATTGTAAATATTCTATTTATCTCCAAAGATTATAATTTG
AAAGTTCAACCATTAGCTTTGGCTCTCAGGTAACCATTTCTGTAAACCATAAAGGGGCTGT
AAACCATAAAGGGGCTGCCAAGAAAGCCAAGAATAAAAAATCAGAATAAGTATTTGCTCG
TAGTGAAGGTAGGCACTTTATAGACATTTGTGCATCTTCTTCTGGACCACTGTAGAAAG
TACTTTAAGTAGTTCTTATGAGACACTGGGTCTGATATAAAACATTTTTCTTTAAAAA
[T, C]
GTTATATAAGTATTGGGTGCATATGAGTATCGAGGATTCCATTCTATAATAGAAGTCATA
ACATCAAACCTACCTGGTTAGTTTTGCTAGCTTTTCACTCGCAGTGTGCTCCATTTTACAGG
AAGCCTTTAAATTCAATTTATCTGGTAGAGTGATTCAATTAGCAAGCCAGTCTTATACC
CTCTTGAACCTAGACTATTGGGTGGAATATTGAGTTCAGTTCTGCCTACACATTCGCTGTC
ACTCCACAAAATCCCAGCTGTTCAACTCACACCCAACCTAGAATGTACAAACAACACTTTT

93692 TAGAATATGTACTTGCTTCTGAAAACACTTGGAATAATTTCCCAAGAAATGAGATGCTGC
CTTCTGCTCTTTTCACTGCTAACAGATCAAAGTCTTGATGGTTTCTTTTATTATTTTAA
ACTCTCACTGTTGTTAAACCTCAAACCTAACCCCATTTAAATAAAGCTTCTTTTAA
GATTCACAGTTTTCTTACTCATTCAACTGCTGTTACACCAGATGGCTTTTTTGCTACCA
TATTTTTAAGACTTTTTTTCTTATCTCTTCATCCAGCTCCTTCTCCATTCAATGGAATA
[G, C]
TCAGTCTGCTACAGTCTGGAGTTGAAGTTTAAATTTCTGAAAATAAATGCATTAAGAATA
TTTTATAGGCAGTTTTTTGATCTTTATCCAACAAAGTGATTAAGAATTTTCATACTTTTT
TTCTTCTTTGCTACTTTGACTCCTTTATCACTTTCATGTGGACATAAAATCTAGATTTT
TAATTATCAGTGGCTAAAAGGATCATTTAAACTTCATGGTAATCCAAGAAAGAGGAAGA
AAAGAATCTCTGCTGGTTTTTTTCTCTTTTATTTTATCCTGACAATTTTGAAAGGCTTC

126082 TACTAACCTATAGCTTTAGGACAGAGGTCAGCAAAGTTTGGCCCCTGGGCTACACCTGGC
CCACTATCTCTTTTTATATAGCCCGTAAGAATAGGTTTACATTTTAAACGATTGAAAAA
AGAATTAATAATTAAGGATAATATTTGTTTCATGTGGAAATTATATAAATCTAAATTT
CAGTGTCCATAAAGTTTCAC
[C, T]
GGAACACAGCCATCCTCAGTTTACATATTGTCTAGACTGCTTTTCCACACCAATGGCAGA
ACTGAGTAGTTGCAAGAAGAGCTATGTGGACTGCATTGCCTAAAATATTTACTATCTGGT
CCTTTACAGAGAAAGTTTGCCAACCCCTGTTTCAGAATATTTATGTGGAGCTCCTTAGG
TTTTAAACAGACATTTTTTAAAGAAGTCTAGCCTGGTTATTGAGTCACTTCTCTAAGATCC
TTCAGTGAATATTTGGAAGGGTTAGGACTGCTATTACATGTGACTTTGACTAGAAATATT

204093 GGTGCAAGAAGGCACATTTTGATGTAGGCAAAGTCATGGGGGATTGTGAGGAGTAAAGAA

GAAAGAAAAATCCAATATTGAATTTTCTTGATTGAGCCTCTAATGAATTCCTTTAAGGGG
 ACTCCTATAAGATTCCATAGTTTGAAAGAATGGTGGGGAGGGTGGTGGCAAGCAGCCAAG
 TGTCCTTAGATTAAGTGAAGAAACAGATTGAATAACTGCAAAGTGTTGACAGTAAACTG
 TAAATGACAAAGCAAGATCTATTACTCAGTAAAATGTATCAGGCTAGCCTTGACAGAGCAA
 [T, C]
 ATTCTAACTTGGGCCATTGAAGGAAAATAGAATAAATAGCTTTGTTTTCTACCCTGAAG
 GGATTTATAGGTTAATCCTGTGATGTTATTTGCTTCCATCCATGTTAATGAAATATATTG
 CTTCCATTTGTGTGAAAAAATACCTAAAAGCAACAGAATATGATCAGTTTATTAATATGT
 GCACCTGTGATGTGACATGAAGTATGTGATGACTATGTCATGTCAATGAACCTTTTATGTT
 CAGTTTTTGGTTTGAATTAATAATGCTTATGCTTTGAATCATCCAGGCTGGCAACAAAA

204914 CTTTTCTCAGAAGAAGATGAATGTTTTAGATACATATAATAATTTCTTTCCGTTTC
 TACCTTTGGCTGAGATTCTAATTTACCCTGATTTGATAGTGCTAATTTTAGGCTGTCTTC
 ATGAATAATACCACCCACAAAATCTTGTGGCAAATGGAAAAAATGTGCTAAATAA
 ATACTTCATTTGAACATCAATTTGGAAGGGATACATTTTATGCATAGATACTAAAATACC
 TGAAACCAAAGTAGGTGTCAAAAAGGAAGCTCTAATGAAATGGACATGGGCTCTTCCAAG
 [A, G]
 GAGGTAAAAGTGAGCTTTTGATGTATTTGTAAGTGAGAAAAAGAATTATTCGTAAGAGA
 GAGCCCACTAAGGAGGCATATTTGATAGCTTTTCTGGCAGCAAGATGTTTCCAAAAATC
 CCTCTGGCTTGTGGATGAAAACTCATAGGGAATTTGAGCTTCTTGTGTGAGAAAAACAAC
 AGGGTTTTTCAGCAGCTTCTCATAAGTTAAAAATTTCAAATGTTTAAATAGCAAAGAACTGC
 ACTCTCGCTGAAAATTTTGTGAGTGGTCATTTTGCACAAGATAAAATGGAGAAACATTCT

205059 CTTGTTGCCAAATGGAAAAAATGTGCTAAATAAATACTTCATTTGAACATCAATTTGG
 AAGGGATACATTTTATGCATAGATACTAAAATACCTGAAACCAAAGTAGGTGTCAAAAAG
 GAAGCTCTAATGAAATGGACATGGGCTCTTCCAAGAGAGGTAAAGTGAGCTTTTGATGTA
 TTTCTGTAAGTGAGAAAAAGAATTATTCGTAAGAGAGAGCCCACTAAGGAGGCATATTTG
 ATAGCTTTTCTGGCAGCAAGATGTTTCCAAAAATCCCTCTGGCTTGTGGATGAAAATC
 [A, C]
 TAGGGAATTTGAGCTTTCTTGTGTGAGAAAAACAACAGGGTTTTTCAGCAGCTTCTCATAAG
 TTAAAAATTTCAAATGTTTAAATAGCAAAGAACTGCACTCTCGCTGAAAATTTTGTGAGTG
 GTCATTTTGCACAAGATAAAATGGAGAAACATTTCTAAGTCAAGATTTTGTCTTTTCATT
 AGGCAACAAAGACAAAGAAGAGGTGAATAGATCACAAACATAGTTACTATTCAAAAA
 GAATTAGCAGGAATTTGATTGAGATATGTGCATGGCAGCAATTTTAGGCCTGTGTGGGT

205837 GTAATATCTTGGGGACCTATTATTATTATAATTATTTATTATTATTTCCCAAGATGGCAA
 CTTTCAATTTCAATTTCTCTGCCACTGGATTTTGAAAACTTAAGGAGACAACTGTGTCTTA
 CCTATTTTATATCCCAATGTCTAGCTCATATCCTGGCATACTATAAATATTTGCTGAGAA
 TTGAAATTATAAAGCAACTGCAGATTATGACCTCTGGGTGAGATATGCTAAATCAGCACT
 GTCCAATAGAAATTTCTGGAATGATAAACTTTTTTACACTGTCCAATATGGTAACTACT
 [A, -]
 GCCACATGTATCTATTAAAGCAGTTGAAACATGACTGGTATAACAGAAGAACTGCATTATT
 AATTTTATTTAATTTGAATTAAGTAAATGTAAATTAAGAATTAAGTAGCCACATGTTA
 GACAGTGTGGTGCTATATTTTACAAAAGAATAAAGAGAACGGAAGGTGTTGGTTTTCTGA
 CTATTTTAAATATTTTTTACTATTGTCTAGCTACCCTCCCAATTTGTGATCTTTTCATCAA
 GAAACCCAAAGTAAAGAAAAATAGTCTTATATTTCAAGTTAGTGAACAGTGACAGGTCTT

206128 GTAAGTACTAGCCACATGTATCTATTAAAGCAGTTGAAACATGACTGGTATAACAGAAGAA
 CTGCATTATTAATTTTATTTAATTTGAATTAAGTAAATGTAAATTAAGAATTAAGTAG
 CCACATGTTAGACAGTGTGGTGCTATATTTTACAAAAGAATAAAGAGAACGGAAGGTGTT
 GGTTTTCTGACTATTTTAAATATTTTTTACTATTGTCTAGCTACCCTCCCAATTTGTGAT
 CTTTCATCAAGAAACCCAAAGTAAAGAAAAATAGTCTTATATTTCAAGTTAGTGAACAGT
 [G, C]
 ACAGGTCTTTTCTTATTGACTTTTCATTGACTTTCTTTTGTCTTCTATTCCCTCCTATAA
 TCTTTGACTCTGTCTATAGCCAAGCATAATGGAAGAATACTAAGCACACAGACCTGCTGG
 ACTTGCAGTGAACCGGAGACATTCTTAAGGCCCTGGGTCTCAGTCCCCTCATCGGT
 GACATAGAGATTACAATGCTCACCTGATAGGTTGGCAGGAGGATTAATGGCAATATTTCTT
 AGTTCTGTGCAACACTTACACATAAAAGGCAGTAAATTTAGTCTGATACTACTGTAGT

206200 TTTTATTTAATTTGAATTAAGTAAATGTAAATTAAGAATTAAGTAGCCACATGTTAGA
 CAGTGTGGTGCTATATTTTACAAAAGAATAAAGAGAACGGAAGGTGTTGGTTTTCTGACT
 ATTTTAAATATTTTTTACTATTGTCTAGCTACCCTCCCAATTTGTGATCTTTTCATCAAGA
 AACCCAAAGTAAAGAAAAATAGTCTTATATTTCAAGTTAGTGAACAGTGACAGGTCTTTT

FIGURE 3, page 152 of 173

TCTTATTGACTTTCATTGACTTCTTTTGCTTCCTATTCCCTCCTATAATCTTTGACTCT
[G,C]
TCTATAGCCAAGCATAATGGAAGAATACTAAGCACACAGACCTGCTGGACTTGCCTGGA
ACCGCGGAGACATTCCTTAAGGCCCTGGGTCTCAGTCCCCCTCATCGGTGACATAGAGATT
ACAATGCTCACCTGATAGGTTGGCAGGAGGATTAATGGCAATATTCTTAGTTCTGCTGC
AACACTTACACATAAAAGGCAGTAAATTGTAGCTGATACTACTGTAGTTGTTGCTAGGAT
AAGATAATATGCTAATTGCTGTGAAGATATTGAAAGATATAGTTAAGTACCAATATTTTT

206689 CACATAAAAGGCAGTAAATTGTAGCTGATACTACTGTAGTTGTTGCTAGGATAAGATAAT
ATGCTAATTGCTGTGAAGATATTGAAAGATATAGTTAAGTACCAATATTTTTCTGCCCT
TTGTCAATATGTCCTTGTCAATACGTATCCTAGCTGCTGATATAAAGACGGCATGCCC
TTCTACCAGGACCTGCGTGCTTCAAGGTCTCTGTGTACCTATACAAAGAAAGAGAACC
CTGTGTTACCTATATTTTCATAATCCTAGCACAGAGACTGGTATTTAATAGTATTTAATA
[C,G]
TGCTTTAAATGATTATTGAATTTAAATGATATAAAAATATAGTATTTACTGCTGCTGCT
AAAGGAAAACAATGTCCTTATAGTACACAGCGATGAGTAACAGCTATGAGTAGAAGATAT
GATGAACAGAAAACATCCCATTAACTATAGTAACATTAATTTCCACACAACTCATTCGT
TACACACACAGATAAATACATATTCTAGGAAAATGTTTAAACAATAAATGGTAAGGATCTA
TGTAAGAAAATTGTCAAACCTATATAAGTTATTCAATATGTACAAAGATTTCAAGTTAAT

210421 TTTAAAGGTTATTTTCTCACGGGTGCTATTTTCCCTGGCTGACCCAACCTTTAGACCTGC
TTAGAGTATATTTAATGCACTACATTAATATTGCTAATCTGTGTTTAACTACTGCTTTTA
CTTTGAACAACATCTATTAATATTCTCAAAAAGGATACTTGGTACTCAGTGTTTTTATTG
TCTAATTTTAAACCCTGCCTGAAACAACATCTTTTTAGGAAGAAAGAAATCCTAATTG
CTAAAGCCAGTGTCTTCACCTGTAGCTGTAATGACATTACATTTTTTTCACTTTTCTTGC
[G,A]
TCTTTTTTTTCCATGTCTTTTTTAAATGTTAGTTTATTCTCTTCTTCCCGCATCTAT
TGGTTGTAGATGTTCTGAAGGTCTTGTCTTAGTGTACTTCTCCCATCTAACTCCATAT
CTTTTCTAGATAATCTCATCTAGCTTCATATTTTCATGTCATAACAATGGGTGTAATTC
CCAGAATTGCATTTTGAACCTTTATGCTCCTCTAAGCTCTAGATCCACAGATCCTATGGC
TATTGTTTATCTATTTGTAGGACTTTGTGGAGAATTCAAATTCATATTTGCAAACTTA

210911 CATTTTGAACCTTTATGCTCCTCTAAGCTCTAGATCCACAGATCCTATGGCTATTGTTTA
TCTATTTGTAGGACTTTGTGGAGAATTCAAATTCATATTTGCAAACTTAACTCAGTTT
TACATATATCTGAGTTTAAATCACCTTGAGTTATTTTCATGCCTATGGGATGACCTTTC
CAGGCCCTAAGTCTTGTAGTTTCTTGATTGCCTTAATTCCATGGAGCTTCATATCCATTT
CATTTAGGTAAGTTATTCATGATCAATATTCGGATGTTGTCTACACCTGGACATTTTCT
[G,A]
CCTCTGAAAACCTGAAATATAAATTACTTATTTCACTCAGTCAAAAATCAACTCAATCCAAAT
TTCTTCATTTATGTCCAATTATAATGTAATCTTTTGGGGGTAAATCTAAATTCATGATT
GTTATATCTGTCACTATTAGTAATTCAATGTTCTGTCTCTAAAGATTCACTTCAAACAGT
GTTGTGATGGTAAACATTTGATAATCAGCTCACAGAAGAGAAAACCCCTGATCTATAGCA
TTTGCTCATTCTGGAGTGTAATACTCATACCATGGCCAATTTCAAGCTACTAACATGA

211725 TGGTATTTTATTTATCTCCAACAATTGTATTTTAGCCCACTTCATTGCATCTACACTTCC
TTTTCTCTATATCCTGCCTCATGACAGATTCTAAACCCCATCAGGCCCTACATTTACAT
TTCTCTGACAGCGATGGTGGGGGAAGAAATGGCAATGGGAATGGTGGGGGAAGTAATGG
CCAGGAAAGGAAGCTGCTGGCTCTGTTACGCAATTCTCTGAGTTTCAACTAAAATGCCTC
AATCATAGTCTGCTATGCCAGTGATCCAATGGAAGCATAACTACTTGGGACCCTCACCA
[C,G]
GGCCATACATGAGGGTATTTCCCTTATTCAGCAGCCCACTAGTGAGGTAAGAAAGTCAGC
GTTGGCCTGTGTGGGAGACTTCTATTTCCACCACATCACCACACAGTTCTTGGCTTTACA
GAAAACCTTGTGTGTATGTGGTGATGGTGTGGGTGGGGGTGGCATTGATTGATTCTGGCCT
TGTCCCAATCCTCTATGCTATACTGCCATATTCTACTGCCCTTATGCCTTGCCCCAAGA
GTGATGATAATCCTATGTGTTCTGTCTCATGAACCTGAGGTCCAAAATGTATACTGGT

213750 ATGTTTTGCCTGAATGCATGTTTAGGAACATATTTTATTTAAGAAAATACATATTAATTT
TGCTTCAGTGTCATGGATTCAATTTTTTCATATATTTAACTATGGCATTGATAAGTTAA
TGTTACCTGGGTGAGAGATGCTATTTTCAATCTCAACCTCTTTGTTATTCCAGTTAT
AATACAGACAGATGGGGAATTCAAGTGGCCAATCACAGACTTCTCCAATAGCTGCTGCTAT
CTGAATCTGGAAGCCCTAAGTAAATCTAGCATGCAGTGCAGTCTTGATGTTCTTAGATGC
[T,A]
GGAGACATTGAATTTCCCAAGTGCTGAATGCCTCTAGCAAAATGTGAGAGGATACACTTCA

GTTCCCCACAGATGTAATCCACATGGCTGAAAAGCCTATCTTAAGACTACAAGGGAATT
 CACTCACTAATTAACAAATAGTTTATTGGAGTGCATTCTATAAGCATGATCTTACAAAT
 TGCCACGATGTAGAACTCAGTGACAACATGTTTTTAAATTCCTTATCTTTGATTGGTAC
 CACAGTGTAAGAAAGACAACCTCACTCCTGGGGTTTTGGAGAAATAATTACAGCAGAATAAT

213839 CATATATTTAACTATGGCATTGATAAGTTAATGTTACCTGGGTGAGAGATGCTATTTTC
 ACAATCTCAACCTCTTTGTTATTCCAGTTATAATACAGACAGATGGGGAATTGAGTGGCC
 AATCACAGACTTCTCCAATAGCTGCTGCTATCTGAATCTGGAAGCCCTAAGTAAATCTAG
 CATGCAGTGCCTCTTATGTTCTTAGATGCTGGAGACATTGAATCCCCAGTCTGAAT
 GCCTCTAGCAAATGTGAGAGGATACACTTCAGTTTCCCCACAGATGTAATCCACATGGC
 [T, A]
 GAAAAGCCTATCTTAAGACTACAAGGGAATTCACTCACTAATTAACAAATAGTTTATTG
 GAGTGCATTCTATAAGCATGATCTTACAAATTGCCACGATGTAGAACTCAGTGACAACA
 TGTTTTAAATTTCTATCTTTGATTGGTACCACAGTGTAAGAAAGACAACCTCACTCCTG
 GGGTTTTGGAGAAATAATTACAGCAGAATAATTGAAGTTCCATCAGCTTAGTTACCCCTCA
 TTTCTATAATGATAATCGTCCTTTTAACTAATTACCTTTAATGTATACACCTTGTGGTT

214452 TTATTAATTTTCATGCTTTAAAAACCCTGTGTTACCTAGGTATTTAATAATTCTCCATA
 ATGAATATAGTTGATCTTCTCTATGCAGTGATAGCACCTATTCCTAATGCCAATGCTGCT
 AGCCTACAATTCCGATAAATTGGCTCAGATTTTATGACTGAATTTGTTTTGTACAGCGT
 CCAATACTCATCAAACCTTTTAAAAATTACCATATATCAGACATGGCAGTCATTTATTTT
 TGCAGGTAAAATAAACTTTGTATCTTCAATCACAGGAAATAAATCAGTGTACTTCATGAC
 [T, C]
 TCCAGAATTCAGTTTTCTCTCATGTAAACTTCCTCTTTTCTACCAAGTAGCAGTATCT
 TCCATTTTCAAAAATTTGTTTTATGATTATTTCTAGTATTGGATTATTTTATGAGATTT
 TCAACATGACTTAAATGGTTATAAGATGTTGTGTTTACATAAGGCCCTTCATCATCCAAA
 TATGCCAGCTTTTCAGTAGGTATTTCTGTGCTAAATATTTTATTGTCTTAATTAACAAATCG
 CCTGTTTGCTGACATTTTCTCAGTTGTTTTTCTACAGTTAGTGTGTTTGTATTTGAGAG

216135 TACTAAAAATACCAATTAGCCAGGTGTGTTGGTGCATGCCTGTAATCCCAGCTACTCAG
 GAGGCTGAGGCAGGAGAAATTCCTTGAACTCGGAGGTGGAGGTGAGGCTAGATC
 ATAGCATTGCCCTCCTGCTTGGGCAACAAGAGCGAAACTCCATCTCAAAAAAAAAAAAAA
 AAAAAAAAAACCAAGAGTGCACGTTTAAACCACCATGCTCCTTGAAACCACCTGAAACTCC
 CTTTGGTGGCGTAATATGAATCATTGCTCAGCTGCCAATGGAATTAGAGGTTAGAGGTTA
 [G, A]
 GAGACAGCTTTATATATTGGTAAAGGAGATAACTGGGCTATCATGTAAGGAGTTACTAAA
 AATGATTAAAGTTTCTCATTCTGGAAAGATGTATATGATAGCAGCCATAAAATCGCAGA
 TGATATAGCTAAATGAGTAAGGACGTGTCTATTACATTTTGGAACTACTAATTTGAATAG
 AACTTTGGAAATTTACATAGGTGAGAGTGTATAATAAAGAAGGGCATTGTCTGGTGGTT
 AATGACAGCAGACCAGGTTTACACCATGCATTTCTAGGCACTATTGTTTGCCATTTTTCA

218389 CTTATTTATTTCTAGTCACATCCCCTAATAGTTTTTTATTCTTCGGACATTTGTAATCA
 GGACTTTTTATTCTAAGGAGATTTACTACCAGGTTTTACGACCAGTTGCAACTGGCCTCT
 TAGTGGCACATACATAAATATAAATTAGAAAATTTATCATTGCATTTACGACTCTAGGT
 ATTAAGAGACACAAGTTTGGACCTAGAAGAAAATTACAGATCAATTCATTCTTTCACCC
 CATCCCCAATAAAGGACAAAATTGAAACCAAGGGAAGTACTGCCAAGTATCCTTTGGCAT
 [G, A]
 TGGCTACTTAACTATAACTATTCTGTGTTAAGAGGAACTAATTTAAATCCATTTGACCA
 CTGCCAGCCTTGAAGGACCTATTTAGTGATACTTGCTATTTACTTCTAATAAAAAAGAA
 CAAAATAGTTATGTTAGACCCAAAGAAACCATTCTGTCTGTACATCCCATTTGTGATCAG
 GTGGCTAATATCCTTTTCCCTTTCCCTCACTGCTCGCAAAAGCGAAGCCTCCATATCATC
 ATATGAAGGGATGGTACTGACCCAGTTTTGATACTCTCTCCCATGATGTTTTATGTGAAT

218745 GACCACTGCCAGCCTTGAAGGACCTATTTAGTGATACTTGCTATTTACTTCTAATAAAAA
 AAGAACAAAATAGTTATGTTAGACCCAAAGAAACCATTCTGTTCTGTACATCCCATGTG
 ATCAGGTGGCTAATATCCTTTTCCCTTTCCCTCACTGCTCGCAAAAGCGAAGCCTCCATA
 TCATCATATGAAGGGATGGTACTGACCCAGTTTTGATACTCTCTCCCATGATGTTTTATG
 TGAATGCCGAGCTGATCATTTTCATCAGCAAGGCACAGCTCCTCTGGGCAGCACACACAG
 [A, G]
 AGTATTGTATATTTGATACTATGCATAAGAATGGCAGTTAATTTCTTTAGGAGTTTAATT
 TAAGCCTTTCTGCAGTTTCTAAAAGTAAGTAGGAGAATGAATAGAACAGAATGTTCTCAT
 TTTGCAGAAATAGAATAGCAACTATATATCAAGAGAGAAATTAGACTGAATATTCTTTA
 AAAAGACACATGAGAAGTGGCAAAAGGAACTACCCTTTAATAGAAATTTATCTTTGT

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TATTTTGGTTAATTTTCTCATAAAAGAAATATTTGTACTACACATGCAACTAATGATGAT

219062 TAACTATGCATAAGAATGGCAGTTAATTCCTTAGGAGTTTAATTTAAGCCTTTCTGCAGT
TTCATAAAGTAAGTAGGAGAATGAATAGAACAGAATGTTCTCATTTTGCAGAAATAGAAT
AGCAAACTATATATCAAGAGAGAAATTAGACTGAATATCTTTAAAAAGACACATGAGAA
GTGGCAAAAGGAACTACCTTTAATAGAAATTTTATCTTTGTTATTTGGTTAATTTT
CTCATAAAAGAAATATTTGTACTACACATGCAACTAATGATGATACAGAGAATCATGCAA
[A, C]
CAGATCATTAACAAATGTAAATAAATAAACCTGTTTCAATTTTGCTAAAACAAAAGTCAA
TGGTTACTTTGTATAGTGAACAATTTTCCATGTAAAACAAGGTGTTATATAAAAAGTCA
GCCTCTGGAGAAATATAACCAGCCAATAACACTTAATCTTTTGTCTTTTCTATACATAT
ACACACTGGCACAGAGTAAGTACTGAATATATACTTACTGAATTTATTTAAAGCCTGTGA
CTTAAATATATATGCACATAATAATTCTACGTGGTTTTATTACCCACTCAGCAAGTGGT

220691 CTTTAAAGAGACCATGATCTAAAATATTGCTTTCAGGGGTCAAAAAGGCAATCTAATG
AAGTTATGACATGCTCCAATGCCCAAGAAATAAAGGTCTAAAGAAACAGAAAATACACTG
TTGGAATCACCAGCATATAGGTGATTTTGCATGGTTCTTACAATTTCTGGGCCAAGATGA
CATTTGAATCTCTAAAAGGGACCTTTGAGATCATGGGGTTCACACCTTAACTATAGAAT
TTTATATACATACATATATATGAAAAATTTCTCTCTATATTAAGAGATTTTCTCTCT
[C, A]
TATATATATTTTAATATATAAAAATAAAGGATACATAACAAAAATATCTATCTCTCTCT
TATATATATATCTATATTTCTCTACCCATTGGTAGATTTTTTATTATCCTTTTTTATAG
ATTTTTTATAGAGAGAATATATATACACATATCTCTCTCTCAAACATATATATGTATAT
ACTGTGTATAGTGGGTCTGAGAACAGCACAGGTCTCTTATCCCAGTATGTTGGACTTAG
CTCTTCATTATAATTTAGCTGCTTCCTTAGAACAGGTTGTAAAATCTCAAAGCTTAAAG

220741 CAATCTAATGAAGTTATGACATGCTCCAATGCCCAAGAAATAAAGGTCTAAAGAAACAGA
AAATACACTGTTGGAAATCACCAGCATATAGGTGATTTTGCATGGTTCTTACAATTTCTGG
GCCAAGATGACATTTGAATCTCTAAAAGGGACCTTTGAGATCATGGGGTTCACACCTTA
ACTATAGAATTTTATATACATACATATATATGAAAAATTTCTCTCTATATTAAGAGAT
TTTCCTCTCTCTATATATATTTTAATATATAAAAATAAAGGATACATAACAAAAATATCT
[A, C]
TCTCTCTCTCTATATATATATCTATATTTCTCTACCCATTGGTAGATTTTTTATTATCCT
TTTTTTATAGATTTTTTATAGAGAGAATATATATACACATATCTCTCTCTCAAACATAT
ATATGTATATACTGTGTATAGTGGGTCTGAGAACAGCACAGGTCTCTTATCCCAGTATG
TTGGACTTAGCTCTTCATTATAATTTAGCTGCTTCCTTAGAACAGGTTGTAAAATCTCAA
AAGCTTAAAGGTCAATAAGTATTATACTTAATCTAAATATTTATGCAAATACCTTATGTC

220752 AGTTATGACATGCTCCAATGCCCAAGAAATAAAGGTCTAAAGAAACAGAAAATACACTGT
TGGAATCACCAGCATATAGGTGATTTTGCATGGTTCTTACAATTTCTGGGCCAAGATGAC
ATTTGAATCTCTAAAAGGGACCTTTGAGATCATGGGGTTCACACCTTAACTATAGAAT
TTATATACATACATATATATGAAAAATTTCTCTCTATATTAAGAGATTTTCCTCTCTC
TATATATATTTTAATATATAAAAATAAAGGATACATAACAAAAATATCTATCTCTCTCTC
[T, -]
ATATATATATCTATATTTCTCTACCCATTGGTAGATTTTTTATTATCCTTTTTTATAGA
TTTTTTATAGAGAGAATATATATACACATATCTCTCTCTCAAACATATATATGTATATA
CTGTGTATAGTGGGTCTGAGAACAGCACAGGTCTCTTATCCCAGTATGTTGGACTTAGC
TCTTCATTATAATTTAGCTGCTTCCTTAGAACAGGTTGTAAAATCTCAAAGCTTAAAGG
TCAATAAGTATTATACTTAATCTAAATATTTATGCAAATACCTTATGTCCTTTTAAAAAT

220942 ACATATATATATGAAAAATTTCTCTCTATATTAAGAGATTTTCCTCTCTCTATATATATT
TTAATATATAAAAATAAAGGATACATAACAAAAATATCTATCTCTCTCTATATATATA
TCTATATTTCTCTACCCATTGGTAGATTTTTTATTATCCTTTTTTATAGATTTTTTATA
GAGAGAATATATACACATATTCTCTCTCTCAAACATATATATGTATATACTGTGTATA
GTGGGTCTGAGAACAGCACAGGTCTCTTATCCCAGTATGTTGGACTTAGCTCTTCATTA
[T, C]
AATTTAGCTGCTTCCTTAGAACAGGTTGTAAAATCTCAAAGCTTAAAGGTCAATAAGTA
TTATACTTAATCTAAATATTTATGCAAATACCTTATGTCCTTTTTAAAAATAAGGTATACA
AATAAATAAAGTTGATTAATAAATAAATAAATTAGATTGTCAAGCTTCTGTTTGGAGC
AAGGTCTTGTAGAAGAAGATGCGTTTAACTACTATGGAGCAACCTGCAGGATCTGGAGAT
TAATTTGCAATTGTCAACAAGGTATTTAGTTTTTCAGCAAACACTTAAGAGAACAGATAAT

221654 AATCATTACTAGATTAGCTGTCATCTGACATTGATTTTGAAGATTTTCTAGAGGGAGAG

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ATATAGGCTAATCCTTTGTAAGCATTAAAAATGTGTAATTTTATAGAGGAGATGTTTTCTC
[T, C]
GACTCAAGCTCAGGTCAAGATAGATGAGTTTACTTGTTTTTTCAAGTCCACCTTTACCA
AGGATCTAATCCTTTAGGGATTCTGACTTTGTGTGGTACCTGCTGATATAAACTTACATA
ACCATTAATATTCAATCCTCTTAGTTGCCAAGATTGGCAAACCTTTGCAAAGGTGCCATG
ATGCCTACATCACCTTTCTCTGTATTTTAGTGCAATTTTCATATTGATTCTGATCAT
TTCTCATCCATTTTGGAACTCACTTCTGAGTCTAAAATTAATGTTTGTATATTGTGTC

230015 CCTCTGCTGGTGGTCCACACCAATGCCACCCAGCAGGCCCCACGGTGGGCCCCCTGGCT
CTCACATTTGCACCCATGCCAAGTGTGTCTGAAAATGGTTTGGAAAACCTAAACCACATG
ACATGCCTGAGAACTGCCTGAAGTTTTCTGTGCCTATAAATTTACTCTCATATGCTGTAC
CTTTAATTGGTGAGGGACAGTGTGGCTTTTTCTCAGTGTCCCTACGGGGAGCAGGATCTG
AGTCCTTCTGTCTCATTAACTAACACATCTTCCATTTTGTCCAACAGTTGTGTTTTT
[A, T]
CTGAACCTGGCTTTTCACATTTATTGTCTTACAGAACAGTCCTTTTTGGGATATCATTTAA
TACCTTCTATGACAAATCCTAATTTCTCCACATTTCTCTCCCTACCGTGGGGAAAGTA
GGGTAAATGTCCAGTACTTAGAGAGGTGAAAAAGAAAACACATTACTAATTTTCAGAATA
TTAACCAGTTATAATTTTCACTACCTTAGCAGAGATGAGATAAATGAAGATAAAAATAGC
TAAATCATCAGTCTATGCCTATCCTCCTATTAAAGTAGATTATGATTTTGTCTACATAAT

230439 TAAATGTCCAGTACTTAGAGAGGTGAAAAAGAAAACACATTACTAATTTTCAGAATATTA
ACCCAGTTATAATTTTCACTACCTTAGCAGAGATGAGATAAATGAAGATAAAAATAGCTAA
ATCATCAGTCTATGCCTATCCTCCTATTAAGTAGATTATGATTTTGTCTACATAATATT
GGGAGAAAACAGGGCTAGGAAATTTGGAAAATATTTTAATAAATTTCTGTGTCATATGTAA
GTTAATAAAATTACAGAATCTTTGTCTTCAGAAATACACATACAAATACAATGTTCTAAC
[T, C]
ACTTTTATTTTCTGGCTCAATGGCAGAATAGCCCTAGCATGTAGTGAATTGAAATGATAT
TCCTAAATCCTAGGCCCTGGGAGAACAGCAGTTAATAGTAGCTGTTTCTTGAAGATGGTG
TGGAAAGCTATACCTAGGTGGAAGAAAAAAATCCTCATTTAGCTGTTCTCTAAAGGAA
CTGTGGTACATCAAATTAATGTAATGAGTCCCAGGTGTTCAAGGTGAGGCTTGCCTG
CCCATTCTCCATAACCTCTCAGGTTATATTGCTATAATGTACTTTTTCAAAAGTTAAGA

231732 AAGGACAACAACGCAAGGGAAAAATCCAATACAGTCCCTTAAAAATCCTGTAAGTATTG
AAAATCCGTATGTATGAAATGCTGAGTGGGGACAGGCTCCAAAAAGAAAAAGAAAA
ATGCATTCTCTAGTCTCAACAACCTATTACCTCATTATGAAGTATAGAAGAACTCCATG
CAAGAAAAGTTAAATAACTTGAAGAAATCCATTTTTCATTTATGATAAAGGAACTGTT
AGTCTTGTGGGGCTTTACTTATAGATGAAGTAAACAATTACAAAGGGACACATGGGGAAC
[A, G]
TAGAGGATACTTTGGGTTTGTGTAGGAAAAGCACCCAACCACATCCCATAGGAGAAGGCA
GAAATGTCTGTTTTTGAATGTGATGTCTCAGCAAAACCTTGAAAACCTGCGTGAAGAGTG
TGTGTGTGTTGGGGGGCTGGCGGTGTCTGTGTGTTGTACTTGTTTGGTAGAGCCATTATC
AAATTGAATCAAAGGGGAATAATGGTCTGTTATTATAAGTGTATTCAAAGGGGAATAGCA
CTTGTAATGGTCCAGAAGTTGGTGAACAGCACCTCCTTTTCAGGCAACTAATAGTACTT

232676 TAATGCTAAATAAAAGAAAAATTTTGATAACTCCACAAAGTGATCCCCACTTGCCCACC
AGAAGGGAGAGGAAATTATACTAACTTAGAAAATCAGAGAAATGGCTTCTGAGTACAGAA
CTGCGCCCCATTATGCCAGCTATGGTCCAGATGAGAAATGCCAGGTTACACCCACAGA
GTTTTGTATGGTTCTGTGTTTATAGTATGAGCTAAACCTACTAAAGAAAATTTTGTGTTGG
AGTTAAAAGTACTGAATTACGTTGCTGATAGCTAATCATACTATCAAACCTCCCACAGA
[G, A]
TCTCTCTCTGGTCTGGGCCATACAGTATCCCACTGGCTGAACTATTTGTTGTTGTGCCC
TGTGTGTGGATATGGTGAACACATAGGAGTCAGGTTTTATATTTAGAACATGACTCCTTT
GTAAACATACTTTGTAAACATACAAAGTCCAAGTACACCCGCACTACTACATTTGGGAA
CTAGCATAATAGAATGAACTGTCTAGGAAATATAAATTTGGAACGTTTATTAGGTCTAG
AAACATCTAAAGAATAAGTCAGATTTTGTAAATTAAGAAAACCTATAAGGCAGCGATGT

236427 CCTTAGTATGAAAAAGGGAGCAGGGGATGGATATGAAAAATTTAGAAAAATTTAAATCA
AAAACGATAAATAGAGTTGAAGTAAGACAACACTGAGGAAGAGGAAGACCTCCAGATTAG
CTCTTCTGTTTCTGTTAATCAATAGGTGTCTAAGGACACTTGCATCAAGATAGGAAATAC
AGAAAGGAGGGCGAGATTTAGAGGGGAAAAACAAAGAGCTCAGTTGGGGTATATTGCCTAT
AAAGTATATGTGAATGGGAAATCTGATATGCAAATCGTAGCTTAAGAATGAAATCAGAG
[C, T]
TTAAGAAATGGATCTGGGAATCCTTAACACCTAGGAGGTCATTGAAACCGTGGGATTGGG

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TGGGAATACCTAAGTAGAATGGCAATAGTCTATAAATCTATGCCAGTTTTCCAAATGGAA
AATTATTAAATTTTTTTTAAATTTTAGAACTCCTCAACAATCCATTATTGAACCGTATTGA
AAATCTGGCCAAATAATAAAGCACAAGAGTAGAATTTCTAGAATATTCTATCTACTT
CTTACTACCTTCTTTTTTCATCACCAAAGCAACTTAACCATGTGTAAGCAACAATTTTATT

236481 AAATCAAAAACGATAAATAGAGTTGAAGTAAGACAACACTGAGGAAGAGGAAGACCTCCA
GATTAGCTCTTCTGTTTCTGTTAATCAATAGGTGTCTAAGGACACTTGCATCAAGATAGG
AAATACAGAAAAGGAGGGCGAGATTTAGAGGGGAAAACAAAGAGCTCAGTTGGGGTATATT
GCCTATAAAGTATATGTGGAATGGGAAATCTGATATGCAAATCGTAGCTTAAGAATGAAA
TCAGAGCTTAAGAAATGGATCTGGGAATCCTTAACACCTAGGAGGTCAATTGAAACCGTGG
[G, C]
ATTGGGTGGGAATACCTAAGTAGAATGGCAATAGTCTATAAATCTATGCCAGTTTTCCAA
ATGGAAAATTATTAAATTTTTTTTAAATTTTAGAACTCCTCAACAATCCATTATTGAACCG
TATTGAAATCTGGCCAAATAATAAAGCACAAGAGTAGAATTTCTAGAATATTCTATCT
CTACTTCTTACTACCTTCTTTTTTCATCACCAAAGCAACTTAACCATGTGTAAGCAACAAT
TTTATTCTTTAAAGAAATAATGAAGCCAACAGCCATAATTAGGGATAATGTGTAATTTTT

238464 TTCATTGATACAAAACACAGTTCAATATAATATGAAATGATCATAGGAGTTATAAAAAC
TTCAGAAAAAATGGATAACTAGTATTGGAATATTATAGATAAAGTCGTTAGGGAGGTTT
TTTTGAAAACAGAGTGTTAGCAGAGACCTGAATAAAGTGAAGCAGTGATTCCAGTGAAG
GTCTAGGCAGAGGAAACAGATGTGCAAGGCCCTGTGATGGCAGCGATGGACTTGGTGTA
TTTAGGAACAGAGAGGTGGCTCAATTTTCACTGAGTGAGAAAAAGAGAAGAAAACAAAGTT
[T, C]
AAAAAGTAGCAGAGGCCAAATTAGTTAAGGTTTTGTAGGCTGTGGAGAGAACTTAATATT
TAGCACCTTCTCAGATCTCTAACCTTGGTGGAAATTTCAACATGGTTTGGATTTTCCCA
TCAGCCACCATGCCCTCAGACTTTCTTGGATGAACCTTGTAAACAACCTTCCAGTTTCTAT
AGGCCCTGAAGCTGTATACCTTCTGCCTCTCATCTGTTGTGGTTTGGCTCTCACTCGGGA
GACACCTATTGCAAATTTCTTTCTAGGCCCCCAACTCACCTCTAACCAAACCTTACTGGAT

243458 ATCAGGTCAATGAACTTATTCATCACCTTACATACTTTTCATTTCTTTGCAGTGAGAACA
TTTAAATCCATTCTTTTAGCACTTTGAAATACACAGTACATTGTTATTAAATTATAGTC
ACCTTGCTGTGCAATAGATCACCAGAATTTATTCCTCCTAACTGAACTTTGCACCCCTT
GGCCAAACATTCTCCACCAACGCTGCCATTTACACCTTCATACCTCCCCAGCCTCTGATAA
GCACCATCTACTCTCTACTTCTATAAGTTTGAATTTTAGATTCCACATATAAGTGAGA
[C, T]
CATGTGATATTTGTCTTTCTTGCCTGGCTTATTTCTTTTAGCATAATGTTCTTTAAGTTC
ATCCATGTTGTACAAATGACAGAAATTTGTTTCTGTTTAGGGCTGAACAGTATTTTATT
GTGTGTATATACCAGTTTTTAATCAATTGATCATCGAGCATTAGGTTGTTTCTTATC
TTAGCTGTTGTAATAATGCTGCCGTGAACATGGGAGGAGAGATATCTCTACGGTATATC
GATTTCAATTCAATTTGGATGTATACCCAAAAGTGGGACTGCTGGATGACGTGTAATTC

243663 CATTTACACCTTCATACCTCCCCAGCCTCTGATAAGCACCATTCTACTCTCTACTTCTAT
AAGTTTGAATTTTATAGATTCCACATATAAGTGAGACCATGTGATATTTGTCTTTCTTGCC
TGGCTTATTTCTTTAGCATAATGTTCTTTAAGTTCATCCATGTTGTACAAATGACAGA
ATTTTGTCTGTTTAGGGCTGAACAGTATTTTATTGTGTATATACCAGTTTTTAAT
CAATTGATCATCGAGCATTAGGTTGTTTCTTATCTTAGCTGTTGTAAATAATGCTGCC
[G, A]
TGAACATGGGAGGAGAGATATCTCTACGGTATATCGATTTCAATTCAATTTGGATGTATCA
CCCAAAGTGGGACTGCTGGATGACGTGGTAATTCATTATTTCTTATGAATTTCCACA
CTGTTTTCTAAAATGGATGTACTAATTTACATTCTGACCAACAGTGTACAAGGCTCGGAC
TTTTGTCCACATCCTCACAAACGCTTATTTTACATCTTTTAAATAACCATTTCAAAAAG
TGTGAAGTGATATATCTTTGAGATTTTATTTGTATTTCCCTGATAGTAGTGTAAAGCAT

246747 TGCTGGCCTGGTAAATTAATTTGGAAGTAGTCTCTGTTTTAACTTTTCTAAATGTAA
TTTAGGTTAGCTATAATCTCTTTTCTTGCCTCAACTCAAAGCCCTTCCCACAAGAAA
CTTTCTTGGGTTGGGGATGGGAGAGTAGGAAATGAGAGAGAGAGAAAGAGACTGACAA
AGACTAAAAGTAGTTAAAGCAATTGTATGAAGCCAGTGGTTCCAAAGGAATACTTACTGG
TTATAAAGTAGCATGTCTGTGAGGTAACTAGAATGTTCTTTTAAAGACGCTTGAAGGA
[C, T]
ATGCCCTCACCTTCCCCAAATCTGAAATTTGGGGCCTTCATCAAATTTCAAGTTTAAAT
TTGGAAGGTCTAATTTGAACTATGCTATGAAACCAAAGAAAGTGTCCAGATGAATG
AAGACCTGGTCCCCAAAGGTGATGAAGATAGCACTCCCTGCACAAAGTATGTTACTAA
TGCCATCCTTTATACAAAGGATTAGCCAGTCAACTGCAAGACAGGAAAGATAACACTAGA

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ATGAGAATATGCAACATTTGAATGAAAGTGAGAAATATGAGTCCAAAAATGCTTCAATGA

249097 AACTTTCTTTGCCTATATTTTGTAAATTGAAAAAGATAAGACTGCCTCCCCCTTCTCGC
TTTTCCGGTCAATTTAGTAGAAGGGAAAAATAAAGAGGATTGAATTTCCATCCATTCTGC
ATGAGACTTTTCGTGATTACTTCAACATTTAAAGTCTAAAAATTTTCTCAGAAAGTTACT
AACTGGACATATATAACAAGCTGCCTGAAAGCACCAGAGCTAGGAATGTAATCTCCGAGA
GGAAGAAAAGGAAGTGCTAACAGGAAGAACC GGTTATTGACTCTTGAGTAGAAAAATAC
[A, G]
TCAATAATGAGGATTAAATTTTAAAAACACAGAAAAAAATTTATTTGCTACTTCTAAAAATA
AGAACATATTTCAATTATTATTTTAATTTTAATAACAAATATTCTATAGACTTTTTGTGG
CAGTCAAATATGTACAGCTACCCATTTTTGACATAGTAGCATGATGAACTTAGGACCTA
TGTCACCCCATGACTCACTGAGAGTTAAAGTTACTCATTAGCTACTTACGAGCCACTGC
ATGCAAATTAATTGCACCACATGAAGGTACTTGCTATTTATCTTATCCCTTGCATGGG

249256 AATTTTTCTCAGAAAGTTACTAACTGGACATATATAACAAGCTGCCTGAAAGCACCAGAG
CTAGGAATGTAATCTCCGAGAGGAAGAAAAGGAAGTGCTAACAGGAAGAACC GGTTATT
GACTCTTGAGTAGAAAAATACATCAATAATGAGGATTAAATTTTAAAAACACAGAAAAAA
ATTATTTGCTACTTCTAAAATAAGAACATATTTCAATTATTATTTTAATTTTAATAACAA
ATATTCTATAGACTTTTTGTGGCAGTCAAATATGTACAGCTACCCATTTTTGACATAGTA
[G, A]
CATGATGAACTTAGGACCTATGTACCCCATGACTCACTGAGAGTTAAAGTTACTCATT
TAGCTACTTACGAGCCACTGCATGCAAATTAATTGCACCACATGAAGGTACTTGCTATT
TATCTTATCCCTTGCATGGGGTCTGTTTTTTTGTGAGTGTGTGTTGTGTCTCCACAAA
ATATGTCGCTGTTTAATTCTAGGGGATAAAAGCTGGAATCTGGAATAGGAATAGTTAGA
AGTGACTCTAGCTTGTTTTTTTTTATAAAAAATAAATAATCATTGAGCTCTTTTATATGCT

249312 AGAGCTAGGAATGTAATCTCCGAGAGGAAGAAAAGGAAGTGCTAACAGGAAGAACC GGTTG
TATTGACTCTTGAGTAGAAAAATACATCAATAATGAGGATTAAATTTTAAAAACACAGAA
AAAAATTATTTGCTACTTCTAAAATAAGAACATATTTCAATTATTATTTTAATTTTAATA
ACAAATATTCTATAGACTTTTTGTGGCAGTCAAATATGTACAGCTACCCATTTTTGACAT
AGTAGCATGATGAACTTAGGACCTATGTACCCCATGACTCACTGAGAGTTAAAGTTAC
[T, C]
CATTTAGCTACTTACGAGCCACTGCATGCAAATTAATTGCACCACATGAAGGTACTTGCT
TATTTATCTTATCCCTTGCATGGGGTCTGTTTTTTTGTGAGTGTGTGTTGTGTCTCCCA
CAAAATATGTCGCTGTTTAATTCTAGGGGATAAAAGCTGGAATCTGGAATAGGAATAGT
TAGAAGTGACTCTAGCTGTTTTTTTTTATAAAAAATAAATAATCATTGAGCTCTTTTATA
TGCTTGTAATATGCTGGGCACAGTTATAAGCGCTGAGGAGAAAAATGTGAAGGAGAGTCT

252710 ATAAATTGATTACACACATCTCCACTTGACAAACACCCAAGTTTTGTTTTGAGGGGGTA
TAAGGAAAAGACCATAGTAATAGTAACATAGTAATATATTAAATCAGTTAATAGTAAAAAA
TTAATAAACATTTACATCTGCTTTACATTATGTTTAATAGTGAAGCTACTAGAATCTGTA
TCAAACAGAACTTATTACATGAAGATAACATAAAAAATTGAATTTTTTTTTCAGAAAAATA
ACCAAAGAAAGATTGTGCTGTTTCTTAATCTTTTCCCTAAGTTTTCTTCTAATATCATT
[T, A]
TGTGGGTAACACTCAGAGGTGTGAAGGTGAGTGTGGCGTCATCATTGTCTTGCCTCTT
TTCTCATGGTAGGTTGTGGCAGTGCTTTAGTTGTCTACATTCCATGGTCTTTCAACAGCT
AGTTCAGTGCAGGAGCGATGGGAGGAAGGAGGCATGGGATTGCCAATGCCACTAGTATTC
CTATTCAATAGCATGGCTGGCTTTTCTTTCTTGGCAGCAATTAGAGATATAAGGCTGTTT
CCTGGGAAATGCGTTGTTTGGTATAAGCAGTAGAAGTTGTAGGTATGTCGGCTGTTAGCT

253417 TGACACACATTGTGGTAAGAAGTAAATGTTTGACTATTCCATAGATAGAACCATTTACTA
CAAGGCAAAAAGGGAGATGCTTTTTTTTGTGCTTTTTTACCATTGCACACACTAGTGTCT
TTTCTCGAAAAAATGGGAAAAGGAACTATATAAACCAAAATAGACTCATAAAACACAG
AGAGGGTTGGGATGACACAATGTGCTTGCGTGTGTGTGTAAGTAAATATAAACGTGTT
TTTTCTGCTGCTTCTGCTATCTTATATTTTTTAAAAAAATCTAAATGCTATAAGGACA
[A, G]
AGGCTTCACAATAAAATTGATACTAACAACATCTCAGCAATTTCTGCAACATGAAGTCT
GTATTAGTTCTTCCACAGCAAGCTGTGAGAGCTCTAGGAAGTTATTGTGAGTTGATGTCA
TAGAGACTGGAGGAAGAAAATCTATGCTCTAAAGGAAACCTCATTGCAGTGTATTCTAAA
AGTTTGTGTTGCGTCCAATATTTCCCATGACAATTTCCAGAAAAATAATATCTGAACCTT
ATAATACCTACCCAAATAAAGATGTAGTCAATGTGTTTGTGAAATCTACACAAGTTTT

253793 CAGCAAGCTGTGAGAGCTCTAGGAAGTTATTGTGAGTTGATGTCATAGAGACTGGAGGAA

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GAAAATCTATGCTCTAAAGGAAACCTCATTGCACTGTATTCTAAAAGTTTGTGTTGCGTC
CAATATTCCCATGACAATTTCCAGAAAAATAATATCTGAACCTTATAATACCTACCCAA
ATAAAAGATGTAGTCAATGTGTTTGATGAAATCTACACAAGTTTTCTAATGGGACTGGC
AGGTCATTCTATAATATGAAGTAAATGGCATAATAAACAAGCAGAAAATTAAATTCATAA
[A, T]
TTACAGGCAAAAAACATTAAGCTATACCATGACAGAATTCATGTATATGAATTCATTTAAT
ACTAACTAAGTTTGTCTTACAAGTAACATTTAATCAGTAGAATTAGTGATGGAAAAACAA
GCAGCTATTTCTTCTGTAGGAAAAATATATGTGTGCAGTGTATAAATCAGGGCTTAAAT
TGGACATGGAGTCTTGACTAAATTTTGGTCATGACGATGATAGAAGTATGCAAAAAAGGT
ATAGTATGGCTAACTTTACATGTAAAGTTGACATAAATATTTCTTATTTTCATTTTAAA

255763 ATGAATAAAAAGATCCTGGCAGAAAAAGTTTACAACCTGCAGCAGAAAGATCTAAGCACAC
AAAAATGCAAAGATGATAGGAAAAACAGAAATCAAGAAACGTATGGGTTCAGAGTAGTCT
CTATTTACGTTTCCAAATTAACCACTTTTAAATCCCCTGGTTGAGGAGAACAAGGTGAGA
GG
[G, A]
GAAACATCAAGGAGAGAGCCACACCCAGCAGTTCCATCCACATCATCTGGGAACCTCGGA
ACCCAGGCCGGCTGCAGGAGCCTATTCTCTACTCTTGCCAGAAAGTGAAGTGTTGATTAG
TATTCAGTTACACTCTGACAGCACATCTTTTACAAAGCATTTTCATAAACACCCATATT
CT

256003 ATTTACGTTTCCAAATTAACCACTTTTAAATCCCCTGGTTGAGGAGAACAAGGTGAGAGG
GGAAACATCAAGGAGAGAGCCACACCCAGCAGTTCCATCCACATCATCTGGGAACCTCGG
AACCCAGGCCGGCTGCAGGAGCCTATTCTCTACTCTTGCCAGAAAGTGAAGTGTTGATTA
GTATTAGTTACACTCTGACAGCACATCTTTTACAAAGCATTTTCATAAACACCCATAT
TCTCAGTAAGTCTACAAAACCTTGGTGAGACAGGTAGAGCTCTTGCTTTACAGACTAAAA
[-, A]
AAAAAAAAAAAAAGCTGGGGATTGAATCAGGGAAGTGACTTGCCAGAGCTAAAAAAAAAA
AAAAATTAAAGGAGAATGAATTAGGACAAAACCTTAGGCCTCATGCTCATCCCATGACT
TCTTTCTTTCTACATGGAGTAAGTTTAAGTTAGAAGCATAATTAGTGGGGAAAAGCATAA
TCTTGCAACAGCAGTGCTCTGAGCTCTAATGCTGTGTAACTTGAGATCTAGATTCCCC
AGTTGTAAATAGGTTCCCACTGATGTGATGTATGTAAAGACTAAAGGGTGAGTTCTCCCTG

256094 AGTTCCATCCACATCATCTGGGAACCTCGGAACCCAGGCCGGCTGCAGGAGCCTATTCTCT
ACTCTTGCCAGAAAGTGAAGTGTTGATTAGTATTAGTTACACTCTGACAGCACATCTTT
TTACAAAGCATTTTCATAAACACCCATATTCTCAGTAAGTCTACAAAACCTTGGTGAGAC
AGGTAGAGCTCTTGCTTTACAGACTAAAAAAAAAAAAAAAAAGCTGGGGATTGAATCAGGG
AAAGTGACTTGCCAGAGCTAAAAAAAAAAAAAAAAAATTAAGGAGAATGAATTAGGACA
[A, T]
AACTTAGGCCTCATGCTCATCCCATGACTTCTTTCTTTCTACATGGAGTAAGTTTAAGTT
AGAAGCATAATTAGTGGGGAAGCATAATCTTGCAACAGCAGTGCCCTCTGAGCTCTAAT
GCTGTGTAACTTGAGATCTAGATTCCCACTGTAATAGGTTCCCACTGATGTGATGTA
TGTAAGACTAAAGGGTGAGTTCTCCCTGGCATAGCTTCTCAAATACTTCCACCCCAACC
TTCCATAGCTTTAGGATTATACCTCACCGTCAATGTTCCTGTTTGTAAACAGATTCT

256435 ACATGGAGTAAGTTTAAGTTAGAAGCATAATTAGTGGGGAAGCATAATCTTGCAACAG
CAGTGCCCTCTGAGCTCTAATGCTGTGTAACTTGAGATCTAGATTCCCCAGTTGTAATAG
GTTCCCACTGATGTGATGTATGTAAAGACTAAAGGGTGAGTTCTCCCTGGCATAGCTTCT
CAAATACTTCCACCCCAACCTTCCATAGCTTTAGGATTATACCTCACCGTCAATGTTCC
CTGTTTTGTAAACAGATTCTTTTGATATTTCAAGAGCTAAACCACTTTAGGTGGTACCTG
[T, G]
GGTCCACCTTCTTGCTCCCAAGTTTGAGATATTATCCCAATTTGAGATATTGGTACATT
TCTCAGACTAATATCTGAGTTCTTGAAAGTTCAAGGACATATTCTTGGGGATTAGATAA
TGCTCTATAATAATTATTTAACCATATTGAACTGCGAATAAAAAATAAATGGAAATGGA
CATAAGATATAGATGATGTTTCCCTCCCATGAGAATTTCAAGTTTGGGTGTGTGAAAG
GATGTAAACAAAATGTAAATTACATCATCAACAGCATATGGTATTAGAGGCCATATACA

256459 GCATAATTAGTGGGGAAGCATAATCTTGCAACAGCAGTGCCCTCTGAGCTCTAATGCTG
TGTAACCTTGAGATCTAGATTCCCCAGTTGTAATAGGTTCCCACTGATGTGATGTATGTA
AAGACTAAAGGGTGAGTTCTCCCTGGCATAGCTTCTCAAATACTTCCACCCCAACCTTCC
ATAGCTTTAGGATTATACCTCACCGTCAATGTTCCCTGTTTGTAAACAGATTCTTTTG
ATATTTCAAGAGCTAAACCACTTTAGGTGGTACCTGGGGTCCACCTTCTTGCTCCCAAG
[T, C]

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TTGAGATATTATCCCAATTTGAGATATTGGTACATTTCTCAGACTAATATCTGAGGTTCT
TGAAAGTTCAAGGACATATTCTTGGGGATTAGATAATGCTCTATAATAATTATTTAACCA
TATTGAACTGCGAATAAAAATAAAATGGAAATGGACATAAGATATAGATGATGTTTCCC
TCCCATGAGAAATTTACAAGTTTGGGTGTGTGAAAGGATGTAAAACAAAATGTAAATTAC
ATCATCAAACAGCATATGGTATTAGAGGCCTATACACCTGTATCCACAGTTCTAAATGCA

257853 TGTGTATCAGGAAGAACAATTTTACTACTTGTACATGCTCTGAAAGTATGTCTAAATTT
TCCTCTTTATGGAAAGCATGATGAAAATCTCAGTCTCCTTACTATTGGAAATCTGTATCT
TCTCTTGCTACTAACCATCTGCTCACCTACCTGAAGTATCTGTAGATTCTGATAAATAAA
AATTTCCCTAAATATATCATAACCAATTACAGTTTACAGCTATTAGTCAGGCAGACTTGT
TTAAATAGTGGGGGGTTTTTAAAGCTTCAAAAATACAACCAGGGATGCAATTTTGAAATT
[T, -]
AGCATTTACCACAGAAGTTGCCTCCATTGTTTATGCTAAAAGTAGATTTAAATGTCTCA
CTCTCACTAAGCAACTAAAATATAACGTTTTAAATGCTACTCAGCGTGGGAAGATTTATG
AGCAAGCAATTATATCAAACCTCATTGTTTCTGATTTTACTTTCTAGATACAGGTGTC
CTCTAATATCCAAATCAATGATCATAGAAAAATCAGGTTTAACTCTCCTTATCTGGGTAGG
AAAGTGAGGTTGGAGAGGTTTCTAGGTTGTGGAAGATCACACAGCTAATTAGTGTGAGA

257940 TCTCAGTCTCCTTACTATTGGAAATCTGTATCTTCTCTTGCTACTAACCATCTGCTCACC
TACCTGAAGTATCTGTAGATTCTGATAAATAAAAATTTCCCTAAATATATCATAACCAAT
TACAGTTTACAGCTATTAGTCAGGCAGACTTGTAAATAGTGGGGGGTTTTTAAAGCTT
CAAAAATACAACCAGGGATGCAATTTTGAAATTTAGCATTTACCACAGAAGTTGCCTCCA
TTGTTTATGCTAAAAGTAGATTTAAATGTCTCACTCTCACTAAGCAACTAAAATATAAC
[G, A]
TTTTAAATGCTACTCAGCGTGGGAAGATTTATGAGCAAGCAATTATATCAAACCTCTCATT
TGTTTCTGATTTTACTTTCTAGATACAGGTGTCCTCTAATATCCAAATCAATGATCATAG
AAAAATCAGGTTTAACTCTCCTTATCTGGGTAGGAAAGTGAGTTGGAGAGGTTTCTAGG
TTGTGGAAGATCACACAGCTAATTAGTGTGAGAGTCAGTTCTCTTCTCCAGTCCAATT
GTTTGAACAGTTTTGTGTCATTGAAATGCTGTGTTGTAGATCTAAAGATAATGTGACC

258153 TAGCATTTACCACAGAAGTTGCCTCCATTGTTTATGCTAAAAGTAGATTTAAATGTCTC
ACTCTCACTAAGCAACTAAAATATAACGTTTTAAATGCTACTCAGCGTGGGAAGATTTAT
GAGCAAGCAATTATATCAAACCTCTCATTGTTTCTGATTTTACTTTCTAGATACAGGTGT
CCTCTAATATCCAAATCAATGATCATAGAAAAATCAGGTTTAACTCTCCTTATCTGGGTAG
GAAAGTGAGGTTGGAGAGGTTTCTAGGTTGTGGAAGATCACACAGCTAATTAGTGTGAG
[A, T]
GTCAGTTCTCTTCTCCAGTCCAATTGTTTGAACAGTTTTGTTGTCACTTGAAATGCTG
TGTTGTAGATCTAAAGATAATGTGACCTTATCTGCCCCAAAGTTGCAAATCAATCGTCT
CACAGTGCCAAGGCAATAGGGCAAGCCAGGGACAAACAGCATGACTCAGCCAGGCCCC
CTTCAGCAGGGCTGGCTTCAAAGCTGAGTCATGAAAAATTAGATTGCAGAGTCAAAGCGC
TGTATGTTCCCGCCTTGTCTACAACATAAAAGGGCAGAAAGTCTCAACCGAGTCATGGA

258404 TGGAGAGGTTTCTAGGTTGTGGAAGATCACACAGCTAATTAGTGTGAGAGTCAGTTCTC
TTCCTCCAGTCCAATTGTTTGAACAGTTTTGTTGTCACTTGAAATGCTGTGTGTAGAT
CTAAAGATAATGTGACCTTATCTGCCCCAAAGTTTGCAAATCAATCGTCTCACAGTGCCA
AGGCAATAGGGCAAGCCAGGGACAAACAGCATGACTCAGCCAGGCCCCCTTCAGCAGG
GCTGGCTTCAAAGCTGAGTCATGAAAAATTAGATTGCAGAGTCAAAGCGCTGTATGTTCC
[C, T]
GGCCTTGTCTACAACATAAAAGGGCAGAAAGTCTCAACCGAGTCATGGAATAGGAGAGTT
TCTGTAAGGAACTTTCTGCCAGTTCTAAAGTGGTTATTTTGTGTTTATCGCTGCTACT
CCTTACTACTAAAGGGTTAAATGCTAGAAATATCACTCCATATAAAAGAGTATGGGATAAT
GTCTCCTGGGTTTATTTATATCTTAATGAAGGACTCCAGAAAACCTCTTCAATCCTAAG
AAGAATAGCCGTTGTGATTAAATGTTTTTGGGCAGCAAATCTCAGCTTAACATCACCCA

258614 GCATGACTCAGCCAGGCCCCCTTCAGCAGGGCTGGCTTCAAAGCTGAGTCATGAAAAATT
AGATTGCAGAGTCAAAGCGCTGTATGTTCCCGCCTTGTCTACAACATAAAAGGGCAGAA
AGTCTCAACCGAGTCATGGAATAGGAGAGTTTCTGTAAGGAACTTTCTGCCAGTTCTAA
AGTGGTTATTTTGTGTTTTATCGCTGCTACTCCTTACTACTAAAGGGTTAAATGCTAGAA
TATCACTCCATATAAAAGAGTATGGGATAATGTCTCCTGGGTTTATTTATATCTTAATGA
[A, T]
GGACTCCAGAAAACCTCTTCAATCCTAAGAAAGAAATAGCCGGTTGTGATTAAATGTTTTT
GGGCAGCAAATCTCAGCTTAACATCACCCAAAACCAAACCTAGGTGGACAGCTAAGTCCAA
ATGGAGTCTTACATCCTATTCCAGCAGGGTAATCTTGACCTTTTAGAATCACCTCTCTT

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TAAATCTCAGACTGCACGGGAAGTATTGTTTCAGCCATGCTTATCCAGCCCTGTCTAAAT
CGCACTTCAGTTTATCCAGCCTATTTTGCTTTGCAAGCTGGCTTGTGCTTGGAGATCTCC

259315 CTACTTTTTCTTTCTTTGGGTGGGTGGGTCCCTTTGTAGCAACAAGATTTTCAGGCATCTT
TCTGGATTATTGCAGTTTTCTTAAGTAAATCAAACCAATTTTCAATAAGTAAGATAT
ATGACATTGTCATTTTACTCCTGGCATTGATATCACATTTTCCCAATAAGTGCAAATA
TTACCCAATGAAATAGATATTAATTTTCAGTCAGTCTAGTGACCTAACAGGATAACATTA
TATAAAAACGTTTGCATCTTGGGTAAGAAAATCTGCATTTAAATACACTTTTAAAAAAA
[A, -]
TCTTAAAGAATTGCAGTTAAACAAGGTAATTTTCCATGGTTAGAAAGGACAAGCAGGTG
ATATAACCTCCAATGCCTCTTTTTATAATAAGGTAATAAGCTCTCACCTCCAAACGAATG
TGCCCCAAATACCTTGGTAACGGATATAATAAAACAATGACTCTATTCTTGCTCAGCTGT
TATAGTAGTGATTGTTGTATTGTTTAGCCATTATATATTTTCATGCAGTTCTGAAAATAG
CTATCCATTGTTGTTTGATTATTAATTTTGTTCATCACTTACGGATACAAAAGTGCA

260136 CTTCAAAACTTTGGAAAATCGTGTTGCTGTATAGCCTCTCTCTGAGTTTAAATTACGGCA
AAGCAATGCCAATAAATACTTCATTGACCATCCTTGTGTGCAGCTAATATATTTTTTAA
TTCTACCACATTTCAAAATGTTTTGTTCACTTCTCTCTATATACCCAGACCT
CTTGACATCTGGGGACTATTTCTATCTAGGAATTATGAAGGTTTCTCTCTACATGTTCT
CAGTTCACAGGGTGGCTCTCCTTGAGTTTGTGCCCTCTATTTCCTACCCAAACCAAG
[C, T]
ACTCTTCTCAACCTCCCTGACTCTGCTCTGCTAAAAGAGGTTCTCCAGTGACATCTGTTA
GGGTGGGATTGTTTGATCTGTTCTTCTCTCCAGTCTCTTTCTTTTAAACCAATAATTA
ATTGCTCATCCAGGACACATGATATTGAGAGGGAACCTCCTTCTACAACAACCCATGAA
GATCTTGTCAATTTAAATGTTGGATTGAGTTGCATCAAACAAAATTGAAGTGAATTTAA
TTGACTTGAATGCCACAGAATGGACTAAGTATTACAAAATTGAGTGAATAGGGTAATTT

260353 AAGGTTTCTCTCTACATGTTTCTCAGTTCCACAGGGTTGCTCTCCTTGAGTTTGTGCCC
TCTATTTCTTACCCCAACCAAGCACTCTTCTCAACCTCCCTGACTCTGCTCTGCTAAAA
GAGGTTCTCCAGTGACATCTGTTAGGGTGGGATTGTTTGATCTGTTCTTCTCTCCAGTCC
TCTTTCTTTTAAACCAATAATTAATTGCTCATCCAGGACACATGATATTGAGAGGGAAC
CTCCTTTCTACAACAACCCATGAAGATCTTGTCAATTTTAAATGTTGGATTGAGTTGCAT
[C, T]
AAACAAAATTGAAGTGAATTAATTTGACTTGAATGCCACAGAATGGACTAAGTATTACAA
AATTGAGTGAATAGGGTAATTTTGTGCTGTGTCCCTCCTCTTTGAAGCCTCCCCTGTTT
ATATTCTTATAGTGAGCCCAATGTTTATTTCTTGAGGTGATAATTTCTTCCATGTTTTGG
CTTTTATTTACACACTTTTACTTACAAAATGAATCATAAAATATATCTTCTGAAGGATA
TGTACTGGCTCTCATTCTTCTGTTATTTTGTAGGCACTCAGAAAAATCTTTTTTCCT

260430 ACCAAGCACTCTTCTCAACCTCCCTGACTCTGCTCTGCTAAAAGAGGTTCTCCAGTGACA
TCTGTTAGGGTGGGATTGTTTGATCTGTTCTTCTCTCCAGTCTCTTTCTTTTAAACCAA
ATAATTAATTGCTCATCCAGGACACATGATATTGAGAGGGAACCTCCTTTCTACAACAAC
CCATGAAGATCTGTCAATTTTAAATGTTGGATTGAGTTGCATCAAACAAAATTGAAGTG
AATTAAATTGACTTGAATGCCACAGAATGGACTAAGTATTACAAAATTGAGTGAATAGG
[G, A]
TAATTTTGTGCTGTGTCCCTCCTCTTTGAAGCCTCCCCTGTTTATATTCTTATAGTGAGC
CCAATGTTTATTTCTTGAGGTGATAATTTCTTCCATGTTTGGCTTTTATTTACACACTT
TTACTTACAAAATGAATCATAAAATATATCTTCTGAAGGATATGACTGGCTCTCATTC
ATTTCTTGTATTTTGTAGGCACTCAGAAAAATCTTTTTTCCTTTGGTCTGGGAACCAAC
TTACATCATTTCTAAGTGATGGACGTGTGCTGTGAACCATAAATAATGTAAACAAGTTAG

260682 TTGAATGCCACAGAATGGACTAAGTATTACAAAATTGAGTGAATAGGGTAATTTTGTGC
TGTGTCCCTCCTCTTTGAAGCCTCCCCTGTTTATATTCTTATAGTGAGCCCAATGTTTAT
TTCTTGAGGTGATAATTTCTTCCATGTTTGGCTTTTATTTACACACTTTTACTTACAAA
ATGAATCATAAAATATATCTTCTGAAGGATATGACTGGCTCTCATTCATTTCTTGTTA
TTTTGTAGGCACTCAGAAAAATCTTTTTTCCTTTGGTCTGGGAACCAACTTACATCATTT
[C, G]
TAAGTGATGGACGTGTGCTGTGAACCATAAATAATGTAAACAAGTTAGCACTGCCAGAGG
ACAAGGGTTCAAGTAGAAAGACCTTCCCTGACTGTGAGCTATGATGCCTTTAGCACAGCT
CAAAAAGGTCATAGAGTTGCATTCTCTGCATATTTCCAGAGAACAGCCTGGAGTACATG
TGACTGATCTATAGTCAAGCCCATTTGAATGAAGGTAGAGAACTACTATAGGAAGTAC
CAACAGCTATTACAGGAGGTGTACCATTTATTTTTTCCAATCCAAGAAAACAAGTTATAC

261374 CAGTTGTCAGCCTTTCTGAGAAAAAAGTGTCTTCTATCTTTGATTACTCTATCTAC
TCTGTGCCTGTCTTCGCTAGGGTTCATCATTAAACCAACTGCTTCTGTTGCCATTATAAG
AAATGTAGACTTTTCGGAAGGCTTGTACATTTTCAAGTGGCCACCCTGTTCAATAAAT
GGTACTTTTTCATCTGTCCCCTTTTGTGTCAGGGGCAGTTTATCTGCCAATATCCCTGGAA
TTGCTCCCTGTTTCACTGCACCAAGGATGAGAGGCCCTACAGGTTTTTGTCTGAAACCC
[G,A]
TATGTCAAACACTAGGGAGGTTAACGAGTCTCCAACCTACTCACTGAAACTGAGGAAAAC
AGAAGTTTTCATATTGACATAGCCGAGGATCAAGAAGGACATTACCTCCTTGGAAAAGTGA
TTACAGTGGCTCTTTCCATACACTTCCATCAGCCAAGATGTGCTGCATCTCCCTCTACAG
GAACCAAAGCTGAATAAGCCTGCATCTTACTGACGTTCTTTTCTATTTCCCGGGAGAGA
CTAAAAAGTGGCTCAGCCTACAAGGGAGCCAAGGGACCACCTTAGCATGACCCTGATTCT

267289 GTCCTCACAGGCATTTTTTTTCTGGTAACTATATGCCACAATGTCTTGCATAGGTATT
AACTGTGATTCAAATATCTCTGCATTTTCTTAAAAAGTTGAAAATTAGAAGCTCCCTG
CCAGTTGAATGTATAAATAATTTTTGTAAAGCAGTCAAGTATACCATATTGAACATAACA
ACATGTTGGATAAATTTTCCAAAGCAGTACCTAGAATAATTTGTAAATTATTGTTAAA
TAATTTCTTAATTTAGATGTATGCAACATAAACACACACAAAAAAGGTGGCCGAAATA
[C,T]
TTTTGCCTACCTGGTGGACTAAAGAAAAATAATAATGTTCTCTACAGGTATATTAAATAA
TACATATCTTATGAATCTGCTAAATATGTAATTAATAAACTCTTTGTAAATTTCCAAGCA
ATGGAATGCTAGCTTGTATTTTCTAAGGTATGTGAGCTTAAATCTTTATGCCTGATC
TTCGTTTATTTAATTATGCTATTAGTATTACTTTTATTACATCAAACCTTTTATTTCATT
TTTGTATATCTTTCATCAGGAAATGTTAATAGTTTCTCTTCTCAGCCCTTGAGTGGTT

267352 CTGTGATTCAAATATCTCTGCATTTTCTTAAAAAGTTGAAAATTAGAAGCTCCCTGCCA
GTTGAATGTATAAATAATTTTTGTAAAGCAGTCAAGTATACCATATTGAACATAACAACA
TGTTGGATAAATTTTCCAAAGCAGTACCTAGAATAATTTTGTAAATTATTGTTAAATAA
TTTCTTAATTTAGATGTATGCAACATAAACACACACAAAAAAGGTGGCCGAAATACTT
TTGCCCTACCTGGTGGACTAAAGAAAAATAATAATGTTCTCTACAGGTATATTAAATAATA
[C,T]
ATATCTTATGAATCTGCTAAATATGTAATTAATAAACTCTTTGTAAATTTCCAAGCAATG
GAATTGCATAGCTTGTCTATTTTCTAAGGTATGTGAGCTTAAATCTTTATGCCTGATCTTC
GTTTATTTTAAATTATGCTATTAGTATTACTTTTATTACATCAAACCTTTTATTTCATT
GTATATCTTTCATCAGGAAATGTTAATAGTTTCTCTTCTCAGCCCTTGAGTGGTTAGA
CACTGTATATTAAAGAATGAGCTACTATTCTTACCCTTGATGTTCTCACACTCAGTCAT

273044 CACAGGATCTGATGGCTTTATGAGAGTCTGGCATTCTCTGCTTGCATTCAATTCCTTCT
TCTGCTGCCATGTGAAGAAGGACATGTTTGTCTCCACTTCCACCATGATTGTTAAGTTTC
CTGAGGCCATGCTGAACCTGTGAGTCAATTAAACTTTTAAATTTATAAATTACCCAGGCT
CAGGTATGCTTTTATTAGCAACGTCAGGAATGGACTAATACATCTTCTGCATAGTGTATG
AATTGTAAACAATGGTAAGTATTTGTCTATCTAAACATAGAAAATGTGCATTAAAAATA
[G,T]
GGTATTATAATCTTATGGGACCACCATCCTACATATAGTCTTTCATTGATGGAAACATTG
GTATGTGGGGTATTTAACACCTTTAAGGTCTTAAATAAATTACTCATTGTTTCATACAT
ACATTTGTATTATCCAAATTATTCTTGTATTGTTGAAAATTATTATTGAGCACTTACTGT
GTGCCAGGCATATTCTAGCCAGTGAATAAAACAGGGGAAAAGTACTCTATAAAGCCTG
CAGTCTAGAAAAGAAAGATAAAACAATACAAATCAATATACAAAACATATAAGGTATATGC

273076 ATTTTCTCTGCTTGCATTCAATTCCTTCTCTGCTGCCATGTGAAGAAGGACATGTTTGCT
CCACTTTCACCACATGATTGTTAAGTTTCTGAGGCCATGCTGAACGTGTGAGTCAATTAAA
ACTTTTAAATTTATAAATTACCCAGGCTCAGGTATGTCTTTATTAGCAACGTGAGAATGG
ACTAATACATCTTCTGCATAGTGTATGTAATTGTAAACAATGGTAAGTATTTGTCTATC
TAAACATAGAAAATGTGCATTAAAAATATGGTATTATAATCTTATGGGACCACCATCCTA
[C,T]
ATATAGTCTTTCATTGATGGAAACATTGGTATGTGGGGTATTTAACACCTTTAAGGTCTT
AAAATAAATTACTCATTGTTTCATACATACATTGTTATTATCCAAATTATTCTTGTATT
TGAAAATTATTATTGAGCACTTACTGTGTGCCAGGCACTATTCTAGCCAGTGAATAAAA
CAGGGGAAAAGTACTCTTATAAAGCCTGCAGTCTAGAAAAGAAAGATAAACAATACAAAT
CAATATACAAAACATATAAGGTATATGCTTTTATATCATTTCCTG

275029 AAACAACAGATGCTTTTTTTTGTAGGAGGAGGAAAGGGTGGTGTGCTGGTAGATTCCCCAAA
AGGCAGCGGCCTCTTAGGTGAATATCTTTTGAAAACCTTTCAGTCCCCCACTATGAGCATT
AAAGTGGCAGGTGATGGTTCCAGATAGATGAAAGGAACCTGTAAGATATCTTAAACAT

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AAAAATAATATGTTTCATATTTATTAAGTATTTAGCATACAAAGTACCTTATAGCTATTATA
CTCTTTATCTTCACAGAAAACCCCTTTGTCATCATTTGTGTTTTATGGATGAAAAACAAA
[G,A]

GGTCAGTAATTTGTCCAAGGTCACATACTTCAAAGTAAAGTTAATATTTGAATGCAAGCA
CACTTATACCAAGTTGTTAGTACATTCCTAGCCACTAACTTGCTCTCAAAATATATCAGG
AAAATTTTTCAGATGGTGAACTTTATAAAATAAGTTTATAAATAGTTTATAAATCAATA
AACCGTATAAAATAATCTTGGGAGACCAAGAGCTGACATCAGACTCACAATGTCCTTGAT
GTATTTAACGATGGAACAAGTCTTCATTTTATAGCATCAGGATAACTAAGCACCATTCA

275637 ACTATTTAATGGGACATTTTGAGATCTTTCATACAGAAAAATAATGCTGACTTTTTCTTT
CCATCTTATTTTACCATTTCAGTAAAACTGTCATCCTTTGGTACTTCTTATCTAGATATT
TTTGTATGCCCCTAATTTGCCCAATATTTATGTGTAAAATATATGTTCCAGTAAGAGTAT
ATACTAAATAATTAGAATTTATTTAAATAGATTATGTTATCTAACTTACGTAAATGGAGA
TTTTCTTAGGACTAGTTACGTTTTTTTTCTCAAGCAAAATACTGTATTGTCATTGTTGC
[T,C]

AAACAAGTGATGATCAGGAAATAAATATTTTATGTTAATCAAGTCTAAATGTTGTGTAAA
AAATACCTATATGGGGAAGAAAAAGGCATACCATGGCACTGAAGAAGGTTGAAAATAAT
TACTCCTTCCTAGGGACAATATTAGACTCAGTAGCAGGCATTTGCCAGCCCAGCAGAT
AGACATATTGAAGCCCCTACTTGTGGTATGAAATATTAATAGTGAGGGCATGAGTCCAA
CCTGAAAACATAAAAAACAAATTACTTTGGAGGTTAAGGGGATATACCATTACTAATCCAT

276093 CAGGCATTTTGCCAGCCCAGCAGATAGACATATTGAAGCCCCTACTTGTGGTATGAAAT
ATTAATAGTGAGGGCATGAGTCCAACCTGAAAACATAAAAAACAAATTACTTTGGAGGTTA
AGGGGATATACCATTACTAATCCATCTCTGAGCTGAATTAGCCTTTAAATATAAAAAATGG
CTCCCAATAACATGTCTAGCCCAACATTAGAGTTATTTTTAACCAAGTGGGGTTTTGGAG
AGACTATAAAAAATTATGATTTTCCAAGTTCATGAAATGTGAAATAAGCAGTTTGATGCA
[-,G]

AAGAAGATATAGTGACACGAATATGCTAAAAGTGAACAGAATGCGGATCTAGCCTTTAAT
GAACCTTAGAGGTAGAACCATGTAGTAATTTTACAGATGCAAAAATATTATGTTGTACCT
CCTTAATCCTAAACCAATAATCCTTCTCATCCTTGATGTTACAAAGAATTAGTGGTCAAG
GTCATGCATAAAATGTTCTGCAATGTGGGAAAATAATAAGGGAAAATAACCTGTATAAAT
GTCTCTAAATTTACCACAGAGAGTCTTCCCAAGGTTTTCCAAGAAAGAAAAGCAGAACAG

276111 AGCAGATAGACATATTGAAGCCCCTACTTGTGGTATGAAATATTAATAGTGAGGGCATG
AGTCCAACCTGAAAACATAAAAAACAAATTACTTTGGAGGTTAAGGGGATATACCATTACT
AATCCATCTCTGAGCTGAATTAGCCTTTAAATATAAAAAATGGCTCCCAATAACATGTCTA
GCCCAACATTAGAGTTATTTTTAACCAAGTGGGGTTTTGGAGAGACTATAAAAAATTATG
ATTTTCCAAGTTCATGAAATGTGAAATAAGCAGTTTGATGCAGAAGAAGATATAGTGACA
[C,G]

GAATATGCTAAAAGTGAACAGAATGCGGATCTAGCCTTTAATGAACCTTTAGAGGTAGAAC
CATGTAGTAATTTTACAGATGCAAAAATATTATGTTGTACCTCCTTAATCCTAAACCAAT
AATCCTTCTCATCCTTGATGTTACAAAGAATTAGTGGTCAAGGTGATGCATAAAATGTTT
TGCAATGTGGGAAAATAATAGGGAAAATAACCTGTATAAATGTCTCTAAATTTACCACA
GAGAGTCTTCCCAAGGTTTTCCAAGAAAGAAAAGCAGAACAGATCAATTATATAAGCAAT

276371 GTGAAATAAGCAGTTTGATGCAGAAGAAGATATAGTGACACGAATATGCTAAAAGTGAAC
AGAATGCGGATCTAGCCTTTAATGAACCTTAGAGGTAGAACCATGTAGTAATTTTACAGA
TGCAAAAATATTATGTTGTACCTCCTTAATCCTAAACCAATAATCCTTCTCATCCTTGAT
GTTACAAAGAATTAGTGGTCAAGGTGATGCATAAAATGTTCTGCAATGTGGGAAAATAAT
AAGGGAAAATAACCTGTATAAATGTCTCTAAATTTACCACAGAGAGTCTTCCCAAGGTTT
[T,C]

CCAAGAAAGAAAAGCAGAACAGATCAATTATATAAGCAATTTTACGGGTTAGTGAAGTAT
CTTTCACCTCTCTGGACCCCAATTTCTCAGGGGGATGTGGCTTGCTTTACGTTGACAGA
GGTAAGAAGATTCAATTGAGAAGAATTCTGCAATGTAACATTCCTTTCAAGGTCTACGC
TAACCTTTTTAACTGGGACTCAGCGACCTGTGAAATCTCTGCCTGGTTTTCTAACCTTTG
TCAAGTCATTTAACTCTCTGGGTATATCTATAAATCAGACAGAAGAAATACAGGTCTT

280114 CATACTATAAAATCCAACAGTCAGTAAAAACAACATTTCCAGATAGTAAAAAATAAAG
GTTATTTTCAATTTCTGTATTTTCAATATGAAGCTGTCTAACTACTATAGTTCCATATAAGA
ATAATTCATTTTACATCAGACACCTTGTGGACACTAACATACTGGGAAAATGGCCTT
CATACTTTGTTATTTCAAGAAGAGTGAATTATGGAAGAAGCCATTGGCTAAAGAGTCACC
TTTTAAAGAATTTGATTGCAACCCCATTAATTTTCTGTAACCTGTCAATACTTTTAAATC
[G,A]

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CAAGTATTTGTAGTAATAAAATTATATTTATTTTGAATATACAGTTCATGAAAGCACATC
AGTTTATGAAAGCACATCAGTTTGTATCTGGTGCTCCTTCAATTTTCAAGCATCTGAAGATG
ATAGAGACATTAAACTATAGGTTCTAAAAATTATCTAATTCATTTTCATACTTGACTGG
CATCACTCATTCAAAGACATAAACTTTTAACCTTGACTATTGCACATAGCCTTTTACAC
ACAAAATAGACACAGAATTGGGCATGATACATTATCTTCTGTCCCTCTGTTCCCTTTTAA

280136 AGTAAAAACAACATTTCCAGATAGTAAAAAAGGTTATTTTCAATTTCTGTATTTTC
AATATGAAGCTGTCTAACTACTATAGTTCCATATAAGAATAATTCATTTTGACATCAGA
CACCTTGTGGACACTAACATACTGGGAAAATGGCCTTCATACTTTGTTATTTCAAGAAG
AGTGAATTATGGAAGAAGCCATTGGCTAAAGAGTCACCTTTTAAAGAATTTGATTGCAAC
CCCATTAAATTTCTGTAACCTCTGCAATACTTTTAAATCGCAAGTATTTGTAGTAATAAAA
[T, C]
TATATTTATTTTGAATATACAGTTCATGAAAGCACATCAGTTTATGAAAGCACATCAGTT
TGATCTGGTGCTCCTTCAATTTTCAAGCATCTGAAGAATGATAGAGACATTAAACTATAGG
TTCTAAAAATTATCTAATTCATTTTCATACTTGACTGGCATCACTCATTCAAAGACATAA
AACTTTTAACTTGACTATTGCACATAGCCTTTTACACACAAAATAGACACAGAATTGGG
CATGATACATTATCTTCTGTCCCTCTGTTCCCTTTTAACTCGGATGCCAGCCACCCAC

280426 AGTAATAAAATTATATTTATTTTGAATATACAGTTCATGAAAGCACATCAGTTTATGAAA
GCACATCAGTTTGATCTGGTGCTCCTTCAATTTTCAAGCATCTGAAGAATGATAGAGACATT
AAAACATAGGTTCTAAAAATTATCTAATTCATTTTCATACTTGACTGGCATCACTCATT
CAAAGACATAAACTTTTAACTTGACTATTGCACATAGCCTTTTACACACAAAATAGAC
ACAGAATTGGGCATGATACATTATCTTCTGTCCCTCTGTTCCCTTTTAACTCGGATGC
[T, C]
AGCCACCCACCTACTTGCTCTGATGTCCAGCTGTCCCGAGCCTAGCTAAGTGGGCTCTTC
CCTGTGACCCACAGACTTTCTCTCCTCTGAAATGTCTTGTAGTCTAGGATGGTGTGATA
CTTTTGCTCCTGTTCCGATGTTACAGTTAGAAGTTAGCCACTTGCCAGGAGGTAAGAAGA
GCTTTTGTAGCACAGACATCTCTAAGTCCAGAGCCTTACATTCAGGAAAAAATTTGAAAC
GGCAGAAAAATGCTTCAGAAATATAACTTCAGACACAGAGGAAAACTTGTTCCTCGG

280499 ATCTGGTGCTCCTTCAATTTTCAAGCATCTGAAGAATGATAGAGACATTAAACTATAGGTT
CTAAAAATTATCTAATTCATTTTCATACTTGACTGGCATCACTCATTCAAAGACATAAAA
CTTTTAACTTGACTATTGCACATAGCCTTTTACACACAAAATAGACACAGAATTGGGCA
TGATACATTATCTTCTGTCCCTCTGTTCCCTTTTAACTCGGATGCCAGCCACCCACT
ACTTGCTCTGATGTCCAGCTGTCCCGAGCCTAGCTAAGTGGGCTCTTCCCTGTGAGCCAC
[A, G]
GACTTTCCCTCTCCTCTGAAATGTCTTGTAGTCTAGGATGGTGTGATACTTTTGCTCCTGT
TCCGATGTTACAGTTAGAAGTTAGCCACTTGCCAGGAGGTAAGAAGAGCTTTTGTAGCACA
GACATCTTAAGTCCAGGCCTTACATTCAGGAAAAAATTTGAAACGGCAGAAAAATGCT
TTCAGAAATATAACTTCAGACACAGAGGAAAACTTGTTCCTCGGTTAATAAATTTTG
TGGCAATGCAATTTGACATTTACTTCATTGAATTTCTGGGAACATGATGTTCTGGCTAGTT

280562 AAAATTATCTAATTCATTTTCATACTTGACTGGCATCACTCATTCAAAGACATAAACTT
TTAACTTGACTATTGCACATAGCCTTTTACACACAAAATAGACACAGAATTGGGCATGA
TACATTATCTTCTGTCCCTCTGTTCCCTTTTAACTCGGATGCCAGCCACCCACTACT
TGCTCTGATGTCCAGCTGTCCCGAGCCTAGCTAAGTGGGCTCTTCCCTGTGAGCCACAGA
CTTTCCTCTCCTCTGAAATGTCTTGTAGTCTAGGATGGTGTGATACTTTTGCTCCTGTTT
[C, T]
GATGTTACAGTTAGAAGTTAGCCACTTGCCAGGAGGTAAGAAGAGCTTTTGTAGCACAGAC
ATCTCTAAGTCCAGAGCCTTACATTCAGGAAAAAATTTGAAACGGCAGAAAAATGCTTC
AGAAATATAACTTCAGACACAGAGGAAAACTTGTTCCTCGGTTAATAAATTTTGTGG
CAATGCAATTTGACATTTACTTCATTGAATTTCTGGGAACATGATGTTCTGGCTAGTTGCC
ACGCAAGAATTATTCTGCAAGTTGGCATCCTCTCTACTTTTGAAGTTTATCACCAAGA

280988 TATAACTTCCAGACACAGAGGAAAACTTGTTCCTCGGTTAATAAATTTGTGGCAATG
CAATTTGACATTTACTTCATTGAATTTCTGGGAACATGATGTTCTGGCTAGTTGCCACGCA
AGAATTATCTTGCAGTTGGCATCCTCTCTACTTTTGAAGTTTATCACCAAAGAGAGAC
AGCTTCATCAGACACAAACATATAGGTCAAGTTTATATGTGACCAAAATAAATTTTGGGA
AACTAATACGAATGCCACTGTGGTTGTAGTTTCTAAAAATGAGAACATGTTCTACCC
[C, T]
GTTTTGTATCCAGTAAATTTTGTGATACAGCTATACATTGTAACTGTGCTCACATAA
TTCAGAACTCCATCTATTAATATTTGTGACAAACATACTTCAGGCACACAGCCACCTCC
TCTCTCTTCCAGTGTTACATAGATACAATATAGCTCAGGTATATAGTTTATCCAGAC

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ACATTTTTGTGGACCACCTTACCCCATCAATGTGAGATATCATTTCACTGGTCTCAGCTC
TTTTCTTGTTACATTCTATATTCACATCTTCAGCTTAAGTTGTGAAGAGGTTACAATGAA

281073 TCTGGGAACATGATGTTCTGGCTAGTTGCCACGCAAGAATTATTCCTGCAGTTGGCATCC
TCTCTACTTTTCGAAGTTTATCACCAGAGAGAGACAGCTTCATCACAGACAAACATATAG
GTCAAGTTTATATGTCAGCAAATAAATATTTTGAAAACTAATACGAATGCCACTGTGG
TTGTTAGTTTCTAAAAATGAGAACATCTTCTACCCCGTTTTGTTACCCAGTAAATTTTG
TGATACAGCTATACATTGTAACTGTGCTCACATAATTGAGAACTCCATCTATTAATAT
[T, C]
TGTGACAAACATACTTCAGGCACACAGCCACCTCCTCTCTCTTCCAGTGTTCACATAGA
TACAACTATAGCTCAGGTATATAGTTTATCCAGACACATTTTGTGGACCACCTTACCCC
ATCAATGTGAGATATCATTTCACTGGTCTCAGCTCTTTTCTTGTATCTTATATTCAC
ATCTTCAGCTTAAGTTGTGAAGAGGTTACAATGAAGTGTGATAAGGGTAATGATCAAAAG
AACCAATTAGGGAAGTTGGAGATAATATAAAATGATCATGGGTGTCTTGTTCATGTTT

281795 TCTGCATGATTTATTAGAATTCTTTGATAAGAGCTCTTTGAACCTGGCCTTGTAATTAAG
AGTTCTTTAGAAATTATCTATTATTCTGGAGTATAGTTTCTCAAACCTCTCTGGCCTCAGA
TTCTACATCTGTTAATTGAGAATCTGAATTTGATGAATTCGCCTAAAAACACTGTAGC
AATTTTATCATTTACATTGAAAAATAAACTAGATCTAACT
[G, T]
ACTCATACTCTTTCAACTGCACCATATTGTTTTTTGTTTTTTGTTTTTTGCTTTTTTT
TTTTTTTTTTTTTTGAGGCAGAGTCTTGCTCTGTTGCCAGGCTGGACTGCAGTGACGC
AATCTTGGCTCACTGCAAGCTCCACCTCCCGGGTTCACGCCATTCTCCTGCCTCAGCCTC
CCGAGTAGCTGGGACTACAGGCGCCTGCCACAACGCCCGCTAATTTTTTGCATTTTATAG
TAGAGACAGGATTTACCGTGGATGGTCTCGATATCCTGACCTCGTGATTAGCCACCTC

281891 TTCTTTGATAAGAGCTCTTTGAACCTGGCCTTGTAATTAAGAGTTCTTTAGAAATTATCT
ATTATTCTGGAGTATAGTTTCTCAAACCTCTCTGGCCTCAGATTCTACATCTGTTAATTGA
AGAATCTGAATTTGATGAATTCTGCCTAAAAACACTGTAGCAATTTTATCATTTACATT
GAAAAATAAAACTAGATCTAACTTACTCCATACTCTTTCAACTGCACCATATTGTTTTT
TGTTTTTTGTTTTTTGCTTTTTTTTTTTTTTTTTTTTTTTTGGAGGCAGAGTCTTGCTCTGT
[C, T]
GCCAGGCTGGACTGCAGTGACGCAATCTTGGCTCACTGCAAGCTCCACCTCCCGGGTTC
ACGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGCGCCTGCCACAACGC
CCGGCTAATTTTTTGCATTTTATAGTAGAGACAGGATTTACCGTGGATGGTCTCGATATC
CTGACCTCGTGATTAGCCACCTCGGCCTCCCAAAGTGTGGATTA

288129 GCCTCAGCCTTCCAAAGTACTGGGATGACATTTATTTTTTGTCTTCTGAACAGCAGCATG
TTATGCTAATGCTACAGGGAATGATGAAAGTGCCCCCTGTGGCTCTTTAGTGAATCATA
ACGGCTGGTTGAGACCTGTGCATCATCTCACAAATATCAGCTGTATTACTTCTTAAATG
TCTTGCTTAGTGCTCTACTGAAACATCTACCAGTTTATACAGTCAACATAACTCAATTT
CCGTACACTGTACTTCCCACAGATCAAACCTTTCACTATATGCACAACTTCTTATAATTT
[T, A]
ACCATTCAATTGCCTGGACTTTTGTAAATGTGAGATAAGAAAAATCCAGAAGTAGCTT
TTGCTGTGTGTACTCTCTATTGCTGAATGATAAAATACCACAAATTAGCAGCTTTTAA
CAACGCCATTTACCAGTCTAGTACTGTAGGTGAGAAGTCGGGCTGGGTGTGACTGGGT
TTCTCTCAGGGTGTGTAAGGCTGAAATCAAGTTGTGACTGTAGCAGGGGTCTCATCT
GGACTCGGGTCTCTTCCAACTCACTGTTAATGGCAGAATCCATTTTCCATGGTCATA

288290 TGTATTACTTCCTTAAATGTCTTGCTTAGTGCTCTACTGAAACATCTACCAGTTCATAC
AGTCAACATAACTCAATTTCCGTACACTGTACTTCCCACAGATCAAACCTTCACTATATG
CACAACTTCTTATAATTTTACCATTCAATTGCCTGGACTTTTGTAAATGTGAGATAAG
AAAAATTCCAGAAGTAGCTTTTGTCTGTGTGTTACTCTCTATTGCTGAATGATAAAATAC
CACAAATTAGCAGCTTTAAACAACGCCATTTACCAGTCTAGTACTGTAGGTGAGAAGTC
[G, A]
GGCTGGGTGTGACTGGGTTTTCTCTCAGGGTGTGTAAGGCTGAAATCAAGTTGTGACT
GTAGCAGGGGTCTCATCTGGACTCGGGTCTCTTCCAACTCACTGGTTAATGGCAGAA
TCCATTTTCCATGGTCTAAGACTGTGTCCCACTTCTCTCTGGCTGTTTATTATCATCAC
TGCTTTCCGGCTCCAGGGGCTTCCCTTCTCATCAGCTGTTCAAACGTGGATATTGCTTT
CTTCCAGGCCAGCAGGAACACCTTTGACTTCTCTCTGTGACCAGCAAGAGAAAAATCT

294456 GCCTGCTTCCCCTTCCACCAAGATTGTAAGTTTCTGAGGCCTCCCCAACCATGCAGAAC
TGTGAGTCAATGAAACCTCCTTTGTTTATGAATTACCCAGTCTCAGATAGTATCTTTATA

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GCAGGGTGAGAATGGGCTAATACAGCTTCCCTCACAAAACCTTTTATATGCCTGAGCGGC
ATTACTTGTCTCTCTTTCAGACACTCCATCACACCCCCAGGAGTGGACTCTTTTTTTTTT
AAATAAAAGATCCCTGTTTTTAGTCATGTTTGTAACCTTTTACAATTTTCTGGTATAGTAC
[T, C]

TTTTACACAGTAGTACCTAACCCATTCTTGTTAAATTTTATTAATCTACAATTTATTTTA
TTCATTCTAAGCTATGAATTAGGCTCACATTGTTTGTAACCTCTGCTCCAAAGCTATAA
ACATAGAGCACAAATGTATGGTTCCTTTCGACAGTCATACGGACATCATGGGCACACCAGG
CATGTCAACATTACAGCCTCAGTTAGAAATGACATCCACACGGGGTGGCTGTCCCCAGG
ATTCTCACTGCGGCTTGACCTTCACAATCGTGTGCACTTACTATGGCAGTATGCAGATTT

296074 TCCTCCCTCTCCTTAGGTGACCTGGGTGACCTTTGATATTTACTTTCCCTCCTCAGAA
GGGTGTCTTTGAAATAGGGAGGGAGCAGGACACAACCTCAGTGTTCCTCAGTGACATTTCCA
AGGAGCTAGATGTTATCGCAGACTTCTCTAAAATAGGACTTCAGAGTCAAATAAACTTAG
AAAATGCTGCATTGGACAAGTATATTACTTGTTTTTGCAAAATTTCTCAAACCTCTA
TAACACTAATATGAGCTGAGCATCTCCTAGAGAAGGACATTTCTAAATTTGGGTTAATTA
[C, T]
GGCAAGCCCTTTCCAGTAATATCTGTAAACATCTCACTCTTCGGGTAACACTAATGCAAG
GGAAAGATGAATGCAGGACAGGTCTCAGTTCAAAGCTTGCTTCTGCTACTTAGTTGAGAA
AATTCTCTTGAGATAAGGTTTTCTCCTGAGAAACATGTGGCACATGGAAGACATTGAGAA
AACAGTAGCCATGATTTAATTATATGTTGTTAATAATTGTAGTAATAATAATATGTAGC
GATCCAGGGAGCAAAGTATTCTTAAACACTTTAATTCCCTTATTTTTAAAAAGTCCTAAG

307709 GTTGATATCTACTTTTAAACTCTGCCTTATTATTATGCTGTCTTCTATATCCTTACTTA
TTTCCTGTCTCCAGATATGTCTTGGATTTAAGAAAGTGTATTAAAGTCTTCTACTGTTA
GAATATTTCTTGGTATTTTTCATTCTCTCTCTGCAATTTCTGTTTTATGAATATTGCTT
CTCTTGTTTATTTATAGATATTATATTTATAGGTAGCCATATATTTGTTATTAGTA
TAAATTAGCATTTAGCATTACAAAGTATCTCATTTTTGTTTACTAATTTTCCCCCTAAAT
[T, A]
CTACTGTATCTTAAATCATGACACTTGAGTCTTTTCTTTTTTCCATTTTCTTCTGTATT
TTAAAGTCATCTTTTAGTCATTTGCTTTGTTTTGGTTGTGTCTTTTTTATACAGTGTGC
TGTTTTTATGCAATGTGAAGCTTTTCTTTATTGCTTATAAGAAAATGATACTTCTACGTT
AATTGATTATAACTGCAATAGGTATTTACATTTATTGACGCAACTGATGTGTTGTTTTTC
TTGATACTAACATATTTCTAGGTAAATATACTTTCTTGAAGTACTTCATTATGTTATCTT

317082 GTGGCCCTAAGCCCAGACATCTTCCTTAGGGCTGAGACAGCCCAGCTGCTGGAAATACCA
GCTGTTCCAGGTACACTGCTGCCCTCCCTGGAAATTGTAGTTTAAAGGCAGGAACTACC
TTATCCAGCATTATGGCCCTTGCCGTGGTGTGGCTATAACCAAGTGACTCGTAGATACAGG
GATGCAAAGGCCAGGTACCCTGGCTTCAATTTGGCAGAATTCTGAAGGGGCTATCCCTGC
ATTTGAGCTCCAGGAGGACTGGCCGATGCTTCAGCTCCATTTGAAAATCAGTTTAACTTC
[C, T]
TCTTCTTAATCCTGTCTTTTAAATAGCCATAACCCATGAGAGTACTCCCTCAATAAGCCT
TTTCACAATCTACTTTTCAGGAATCCAATCTAAGATACCCTCCACCACCCCAACCCCTTG
TGAGGGGACAGATCTCTGCTTATGACCTTTACAACAAACCTTACTTTACTCCCCATACAG
ATCCTCTCCTATTTCATCATGGTGTCTAATTTGCTTGACTACTTGAACCTAAGTTTCCT
CTACTTTTTCAGTCCATAAATCAACCTAGCAGAACCAAGCAGGAATAAACTGCTTCTAAT

320064 TACATAAATTTTCATCAATGAGTTAAATCAAGTAGAGAGGACGTGGTATAGAGTTCCACCAT
TTTCCATGAACATTAGGTTCTACTCAATCAACATTTTTTGTAAATATCAGTCAGTACA
ATTCCAGGAGGTTAAGATTCTCTAATTATTATGGCCAAAGCAATTAAATATTCTAGTTTT
CCTACAGTCAAATTTGAGCACATTCTGAGTTTCAAGTTTGAATCTGTTTGTGAAAATTCAT
TTACCATGCCAAGTCATTTCAGTCAGAGCTGGGACTCAATGCTAAGTAAGCAAAATAGCCT
[-, P, G]
GGGCCCTGCCCTTCTGAGGCCATGGGCCAGTCATGGAAAAATGTTAAACAGAAAATCA
ACAAGTGCATAATTATTAAGTGTGGTGAAGCTATGAAAGGGGTGGTAACTGTTTCAGAA
GGAAGGAAAAGCTTACCATGAAATCACTTTGGTGCTAAAATCTAAAGGATGAGCTCAGT
AGGTGAAGTAAAAGGATCAAACAGAAAGAAGCCATGAATCTGAAAGAAGCACAGACCTC
AAGGGGAATTTAAATTCATATGACTGGATTCTAGAGAGCAAAGAACAGAGATGAAGCTG

329489 TACCATAGGGTTATATTTAACTGGGAATACTCTGGATAAATTTGGATTGGGCTGAAAATT
TGGAATTCATTTCTGTTTTCTACTATATCATAGTAGATACAAGGATCACAAAATATGATA
ACCATATTATTATCATCAATTGAAAACCATTTGGGATTTGGTCTTTCAACATAGGCCATG
CATGCTGCTGTGGGTGTGCAATGGTGATTGTGACTTATTTTGTGCATGTGTGTTGCATG
AACACGTCTCCACAGTAACCGTCATTACTTAGAATTCAGTGTTTTGACCACTCTCTCCT

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[A, G]
TATGTCACCTGGTACACTGACCACTGTGCAATTTTGTATATTGATTCTCAATTGCTTCCC
TAAAATAATTAGAGCTGGTGATGGTTATGAATTAATAGCGCTAGGGAGCAAAATGTTT
GGTCAGCAACCTAGGGAAATTTGAAAATCAGGGAAATATGGCAGTATCCCCCAAACCC
ACCCCAATTTTATTTTGTAGGCACTTTAAAGGGTCTATGCAGGTTGACCCCAATAGTGG
GATGGGATTTACCTACATCATTGTTCTTTTTTTTTTTTTTTTTTTTGTACCTGTCCACTG

331494 ATCTACCTCCATCACTCATATATTAATTTTACCTCCAACCTGGTGGCTTTTCTATTTT
GCTTTACAAGTCATCAGTAAAAATCTACCTCACTTTCTCTACTTCGTAAATAAGTCATAA
TACAATTTTGGCCCTTTAATGCTCCACCTCCTTGCTATCTCAAGTAACCCTGCTTCCCT
CTGACATTGGTGTGTTCCATTTCCAATTAGTCTATGAATCTGTCAATGATTCTGAAGTA
AACTACTTTCAAGGTTTGTACAGCTTTTATCTCCTCTCTAGCCTATATGACTCATAAA
[C, T]
AAAAATAATGAATCTAATACAACCTTGTCTCATAGGCTGCATTGGCCATTACCCAGTAT
CTTGTCATCTGATAAGGATTTGCAAATTGATTTTCAATGATAACAGTTTACTCCTGCAAA
TAATATGTCATGCACTGAAACAGACAATATGAAGAAAAATAATTTGATGATTACTTCTTA
TGCATTTTTCTAAGTGCTAACTGGTTGCCTTATACTTATTGATAGTGTTCTTTTACAAA
GTTTAATTATTAAACACTGCATTGTCATCTTCTTTCATGTTAAGTCACTTGAGGAATTTG

331495 TCCTACCTCCATCACTCATATATTAATTTTACCTCCAACCTGGTGGCTTTTCTATTTT
CTTTACAAGTCATCAGTAAAAATCTACCTCACTTTCTCTACTTCGTAAATAAGTCATAAT
ACAAATTTTGGCCCTTTAATGCTCCACCTCCTTGCTATCTCAAGTAACCCTGCTTCCCTC
TGACATTGGTGTGTTCCATTTCCAATTAGTCTATGAATCTGTCAATGATTCTGAAGTAA
AACTACTTTCAAGGTTTGTACAGCTTTTATCTCCTCTCTAGCCTATATGACTCATAAAC
[A, G]
AAATAAATGAATCTAATACAACCTTGTCTCATAGGCTGCATTGGCCATTACCCAGTATC
TTGTCATCTGATAAGGATTTGCAAATTGATTTTCAATGATAACAGTTTACTCCTGCAAT
AATATGTCATGCACTGAAACAGACAATATGAAGAAAAATAATTTGATGATTACTTCTTAT
GCATTTTCTAAGTGCTAACTGGTTGCCTTATACTTATTGATAGTGTTCTTTTACAAAG
TTTAATTATTAAACACTGCATTGTCATCTTCTTTCATGTTAAGTCACTTGAGGAATTTG

331639 CACCTCCTTGCTATCTCAAGTAACCCTGCTTCCCTCTGACATTGGTGTGTTCCATTTCCA
ATTAGTCTATGAATCTGTCAATGATTCTGAAGTAAACTACTTTCAAGGTTTGTGTACAG
CTTTTATCTCCTCTAGCCTATATGACTCATAAACAAATAAATGAATCTAATACAACCT
TGTTTCTCATAGGCTGCATTGGCCATTACCCAGTATCTTGTCATCTGATAAGGATTTGCA
AATTGATTTTCAATGATAACAGTTTACTCCTGCAATAATATGTCATGCACTGAAACAGA
[C, T]
AATATGAAGAAAAATAATTTGATGATTACTTCTTATGCATTTTTCTAAGTGCTAACTGG
TTGCCTTATACTTATTGATAGTGTTCTTTTACAAAGTTAATTATTAAACACTGCATTG
CATCTTCTTTCATGTTAAGTCACTTGAGGAATTTGGGTTTTATTAACTTTAGCTAAATA
AACTCAGTGCCCTAAGATATATTGTACAAATACCTGATGATTTAAAAACAACCTTTGTCT
GTTTGGTTTCCTTCTTTCCTATCACATTTGGCCCTCCAAATGATTTTTTAAAGTAGCAT

335338 TAAAGAGAGTTAGGTTCTATATGCAAATGAGAACATATGAGGCAATAAATTCCTGGAGAG
CTCGTGACATTTTTCTTCTAGATGGACTTGGTCATCGTCATGGATAAGACTCAGGGAGTC
AACAGAAATGCAACTCAAGAAACACAGTATTGTTAAATACATGAAAATTTATTAAGATT
ACTTCAAACCTTTTATAATAAACAAGTGTAACCTTTTATGAACAAGTATAGTGTGATTTTC
CCCCATAGTGACTATGAACAAATGATGAGCATTGATTTCTTAGTATTATATCTGACCCA
[G, A]
GTTGATTGATTATTGTCCAAAATGCAAAATCTTAAAGTCTAATTTTTAAGTGTTTATACC
TTGCTTGATGCTTAAAGTACATTTTGATCCCGAAAATGGGTTTACGTCATTTTGAACAGG
GAAAAAATAACAAAGGCAACTATGCTGCCTAACAAAGTTTATTGATGGAATTTGTATGTT
TTAACCCTTCTGGGGCACAAAATAGGGAGCTCACGATTTTTTATAAAATTCTCCCTGT
TGTTAATTTTTAAGAGCTAAATAACAGTGACGTAATATTGCTCATTACACGAGATACTT

336083 AGCGACTAGGTACTATCAACCCAGGCATGCCCTATTACCTAGCTGTGGTCACTTGATT
GTAAGTTATGTTTGCCAGAGCATTAGTCTTTTGCGGTTTTTAATAGCGCCTTTTTTTTTT
CTCAGAAAGTGGTCAAGACTTAAACATAAGTGAAAGAAAAAAGGATCTAAAAATCCCA
CATATGATCCAAGAGTTTTCAATAGAGTACACACATTACACAAAAATGGCCTTTTACCC
CTGCAAGCTTTATCTGTAATTCCTTCATCTGGGTTTAACTCTTTTCAAGAGCTCTGTGGAG
[T, C]
ATCTCATATAGGTAGTGGAACATATGAAGAGCCTAGATGGCTTGTCCTCCTCAGTGAC
ACAGACAGGGGAGTAACACAAATTGGAGCAGGGTAAACAATCCATTTGGAAATTTTCATGG

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CCAATATGACTTTAACCATAGGTAAGTCCTTCTTAAATAATCCTCAAATTACAAAATGAA
ATTTATAAGAACTTTAAAGGTAGAAATTTGACCAGTAACAGAGAGTGTAGTTTTTCTTT
TATTCTAGCTTTTAATGAAAGAACTAATTAACAGCTAAATCTGCCATTTGCTCTCTGGG

337436 TGGTTTTTAAATATAATGGATGTGTCTATTGAAGCTTTAGGGGACTAATTAGCATTGCT
CTGAACTGTGGTATCCTTTTGGACTTACTCTACTAAATAGAGTCAGATCTAAGTCAGTTA
ACTTGGGGAAAAGAGCTGTCTGAGATGATGAAAAGTCAGTGGAAACACCACATTTTATTGG
AACAATATCTAATTGTTTTCAAATAAACTGCAACTTGAAGTGGATGAAAAGCTAGCA
GGTATACTGCTTCAGAGAGTAGATAAAAATGATTCTACTTATTATATCAATATACCAAC
[C,T]
TAAGCAGTACGTAGCTTTTGTCTTACAGTGCACCTTACATTGTTGGGAATTCATGACTTTAA
AATTTGTCAAGCAAGCGGTCTTTTACAAACAATTTACTCGGTATATTTGCTTAGCAAAT
CTTTGCATAAACTCTCTATAATATAAGCCAAGCTTGCCCCATTCTTTATCCCAAGCAT
TGAAGTTTTGAATTAATGAAGTTTTCTGTAATTGTAATCACTACAAACCACACTATAG
TACTGTTTCCAGATAACCTCTTATGTGTGAGCTGAAATAGCTATGAAAAGACCATGAGCA

339231 ATGATCCCCAACTCTCTTATTATCTCTGCAGGATCTCTTTATCCCTACATCACGAGGG
CCTTAGTAGAACACCTGGCAGAATGGAGTTCATCAAATGTTTGTCTGAATAAATGAGTGCA
TAAATGGATGGAAGAGTTAGCCAAGGGAAGGGATAAGAATTCAGGTAGAAAAAACACA
AGAACAAAGTTATGAAAGCAGTAAAGTCCATATGACTTTTTAGAACAAGTGGTTTTCTGA
GCTGGCGAGAGGCTAGTCTGAAAATTTACCTTCAAATAACACTTTTCTACCTTTTCAC
[C,A]
TAAGTGCCATGGGGGTTTGTAGTAAAATGCAACAGTTTCCATCAAAGCTTGCATTTTTT
TTGTCTCACACTTTATCTTTAAAGCCCTGTGACTTTCAAATTTAGCTTGTAAATATAG
AAATATTTGTTTTAACATTTAAAAATCTTTTAAATATTATTATAGACCTAATGTTTGTG
TACCCACCAAATTTATGTGTTGAAACATAATCACCAGCATGATGGCATTGGAGGTGGG
ACCTTTCAGAAATAGGTGATGAGTGTGGAGATCTCATAATGGGATTAGTGTCTTGTAAA

340390 CATCAGTAGGAATGCTTTATCTTCTTTGTAGGGGCCCTTTTAGCTCTTAGTGACAAACC
TTCCAATTGTCCACATGTCAAACCAAATGTAGAGATCAAATATCAAGAACTTCCTCC
TGCAAGCATAGCCTCTGGAATTTTATTTAAGCACTTGAAAGCAGAGCTTCAATAACT
CATTTATAGGATTACATACTTCATTTTGTATTTGTGAAGTTTCCTAATTGCAGCTATCTT
TGAATTTCCATATTTACTACTTTTAAACATTAGTTGTCTCTGTCACCAAAAACAACTT
[A,G]
GTAATAACCAAAAGACTTTACTTGTCTTTTTATTTTCTTTAGGCCTGCATGGAGATTCTC
TTTGTGAGGAAATTTTCAACATGTTTGTGTAGGCAGCCAGCAGTATTTCTTAATCCAA
TGTCTTTCTTATTTTATTCACGTAATAGATTTGTATGATATTTCTTTCTCAAAGAG
TCAAGATTTTGCTTATAGATTATTCACAATAAATTTTAAACACTCTACAGTGCACAAAC
AATAGAGTAGTCATCAAGAGAAAAGGCATTGATGAAAAGAAATATCGCTGCTCCTGTTG

346171 TACCTATGATTTGGGCAAATTCCTCTCTTCTTGAGGTCCCAGAACATAGGGCTCCTGGG
CCTGTTAGAAAGTGACATTCTTTACTCACACAGGTTAGGAACCCTGTACAGGGACTCTT
TAGACAAGGTATGAGGCCAAGTTCCCTAAGGAGCTTTAATTGGTTCTGCAGGTATGCTT
GATTCCTTAAAGGGAAGCAGATCCTTCCAGTCAAAGCCTTGGTAAAACAACAGTTTCTC
CAATTGTGACCTGTTATAAAAAGATAATGGATTCTTACTGCACTGATGCAAATAAATATA
[T,C]
TGCCGTAAGTTAAGAATACTCACAAATAGTTTACAAATCTGGAGAAGCCAGGCAGAAAG
AAACAAATATGCTCAAATTTTGTTCACAGGAGTATAGCTTACTCAATTATTAAAGGCTC
TAAATAGTTCAAATAAATTTCTTTGACTCTGAAAAACAAAACAAGGATCAACAACATTT
TAAGTAAAAGTTAAATGATTAATTCAGTTTTCTATTAGTTTCACTTCACTTCACTTCACTC
TTGTTCTGCTTGATATTCATGAGCATTTCAGCTCTTTATGAGTCCCATATGCTTCCCTCT

347381 GTTCAAGAGACAGAAAGCCAAATTTTACCCTTGCAATAGTCTACTATTAATATCAACCCC
AATTTTTAAATGAAACCTTAAACATAATTCTATCTCATCTTAACCAAGTTTGACCTTGAG
TGAGATTCTTGTAACCTTTTATAACCTTTTACAAATCTTTGTTAAATAACAGATCAATA
CCTTAAGAAAACCTTGTGCTGCTTTTATTTCAATACTCAGTTTATGGAAAACTATATAG
TACCTTTTTGAAGTTGGTCAATATGTTTACACACAGAATTTCTTTTGCAAGATTCTTTTT
[-,T]
ACAAATCTTCCACCATTTGTTTAAACCTTCAGCTTTATCTTTTCTATTTCAAACCTATTC
TCTAACCTTAAGCAAAAATTTACATTCTCATGCCTTCTTATAACCTTTTACTAAAAACGC
ATTTTACTTTTCTTACACAGCTTGTATATAAATCTATTTTCACTAGTCTCAATTACATGT
TATGATGGCAACTCTTAGCAATTTTTAATTTTAGTGTAACCTGGTAAGTTATTTTAAAT
TATGTAGTAGGCACAGATAAGATCTGACTCCAGCATAGTTAGTGACGTGTTAATTCAT

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347813 CTTACACAGCTTGTATATAAATCTATTTTCAGTAGTCTCAATTACATGTTATGATGGCAA
CTCTTAGCAATTTTTAATTTTAGTGTAACCTGGTAAGTTATTTAATTATGTACTAGG
CACAGATAAGATCTGACTCCAGCATAGTTAGTGACGTGGTTAATTCATATGTCCCTAGG
CCTTACCAAATGTAAAGCAGGCAAGTTGAGCAGTTCTCAAAGGCTAAAGAAGCAGCTTA
TAACCTTAAACATTTAGCAAACCTAGTATCTGACCTGCATACTTAGACCACATATTTA
[T, C]
ATTTTGAAGACATTTGTATTTTACCAATAATCTTTAAGACTTTTATTTCTCAAAGATTAA
AGTCACATGAACATAAAGGCATTATAGCTTTTATTTTCTTTCAAAAATATTTGATCTA
AGTGCTTATTTTCTTTAAGCCAATTAATTAGAGCTCTATTTCTATATAACCATCACACA
TCTAACACATATATGATTACACAGACAGAAGAAGATCCAATAGTTGTAAGAATTTTCATT
TGCCCTATCTCCTAATTGAAATTACTGGACTCAGGGTATAGCTCTCCAAGAAGCAGGGCTA

352440 AATTAAGCAGCAAATTAGTTTCTATTTTACTAAATGCTATATGCATATCAATACAATC
ACATAATGACATATATTCTAAATTAAATGTTATTTTCAGTTTAAATACCGAATTAGCTA
GGTAATTAATAAGTGTGAAAATCACACTTCTGTGTATTCTAGATGATGAAGGAATAACA
TATCTATATGAAATCCTGGTAGCCAACTGACTAAGCACCGTAGCTTGAAGGGGAAGCATT
TATGTGTAATTTCTGTTAAAAGCACCTGTTGGGTTTTATATGTTTCGTTATGCCGGGCAAG
[G, A]
TGTCGGAGCCCTGGCACTGGGAAGTGGTCGACTCATGGGTTGGTAAAAAGAATTACTGGC
AACAGTATAAGTTTGAAAAGGGAAAGTTTATTAGAAAGGAAGAACACTGCAAAACAGTGC
AGTGGGGCACCTCAGTGAGAGGACTGAGCGCAGATTTTTCTTTGGGATATTTATGGACC
TTATGGTGGGAGTGTAGGATTGTAATGAGTTTCAGCATGGCATTCCAGAGATGTATAG
AAAGTTTTGTTACTTATAAGCTTTTAGGAGGGAAAGAGATCTGGAACAAGATGCCTGCTT

352503 TAATGACATATATTTCTAAATTAAATGTTATTTTCAGTTTAAATACCGAATTAGCTAGGT
AATTAATAAGTGTGAAAATCACACTTCTGTGTATTCTAGATGATGAAGGAATAACATAT
CTATATGAAATCCTGGTAGCCAACTGACTAAGCACCGTAGCTTGAAGGGGAAGCATTAT
GTGTAATTTCTGTTAAAAGCACCTGTTGGGTTTTATATGTTTCGTTATGCCGGGCAAGGTG
TCGGAGCCCTGGCACTGGGAAGTGGTCGACTCATGGGTTGGTAAAAAGAATTACTGGCAA
[C, T]
AGTATAAGTTTGAAAAGGGAAAGTTTATTAGAAAGGAAGAACACTGCAAAACAGTGCAGT
GGGGCACCTCAGTGAGAGGACTGAGCGCAGATTTTTCTTTGGGATATTTATGGACCTTA
TGGTGGGAGTGTAGGATTGTAAAATGAGTTTCAGCATGGCATTCCAGAGATGTATAGAAA
GTTTTGTTACTTATAAGCTTTTAGGAGGGAAAGAGATCTGGAACAAGATGCCTGCTTTTG
ATAATGGGAAAGTCTAATTACTTCTAATTTTCCCAGATAAGGAGTTTTGCCTCTGGATG

355895 TTGCTGTATTAGTTCTCATACATTCTCTCTCCCTCTCTTTTTCTTACTACGTTCAGAATC
TACCAACTCACTTTGTGTTTTCAATAAGAAAGACTTCTCTTCCCTTCTATATTTCCCTT
CTATAGAAATGAATGAAGAGTTTCTGACGTGTAGAGTTTCCCTTAATTTTAGCAACTGGA
CACTGCCAAGTATGAGAGTTTCAGTATAAAGTTACCTGAAGCAAAAGTATTTTCTAAATAAC
AAGTATTACTTCTTTCCACTTTACATAACTTATTACTTGAAAGCAATTAATAACTAAGGC
[G, A]
TAAACCTAATGAGTATTAATAAGAGAAAGATTATTATCACATTTTATATTTAGATATCA
ATAATGAATTAATAAACCCTCAGCTTGGACTTCTGATTAGTAATTTAAGATTTTGAA
TATGTTTTCTCATGTAGATTCCCCCAAATTTGTTTGCATTTTGAAAGCAAACGTATAGAA
TCACTAAGGTAGAGAAGCGAAAAAATTAACATGAAGAAAAGTTGAAGGTCTCACCTTTGA
GGTAATTTTGTTCATTCTGAATCTTTAAACTTTTTTGTGCTTATTTGTGTGTTTGTCT

357029 GTATGAATAAGTTAGGATGCATCCTGACTTATTGCGGTCTCTCTGGTTTCTTCCACCAT
TATTATTGTAGCAATTTTGGAGGAAACTTCTTAAAGAGCATATGAACTGTCTTAAAGC
AATTGTTTGAATAGTTTGAAGCTTGTGCTCCTTAGCATACAGGATGCTGAAAAGGAGAA
TGGGGACCAAGGAGACACAGCATTGAGACCTGTACACTTCCCAGATTCAACGAACTCGC
TTCATTTTATGTGGCTTTATATATTGGCTTTCTCTTAAAGACTGTGTGTGTGTCTCTCT
[G, C]
TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGAAAGACTCAACTTGTTTAGGTGAGGCACCTT
CAATAAATTTGGTCTAGTTCTGCTATTTATTCTGAGCTTCCCAATATCAAACTGCTTAG
ATATTTTCACTAATTTCTAGTCATCCAAGTTCTTATTTTATAGTGATTTTGAGTTAAGGG
AACTTTCCAGAGTCTACAAATAGTAACTGCACACCAAGACTGGAACCTTAATTTCTG
GACTCTGACTCCAGTGCTCTTTCCACTTGGCACTTCCATTTGAAAGCAAGGCCATTTTAA

357738 TTAAGAAATACAGGGTTGCTAGCAGAAGTGAGTTTTCATAACTAGTTAAAACCAAGTAGT
TGAACAAGATATTTTGGGAAGATGAAAATTTTACTACCTGACTCAAGAAAATTAACCTCA

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TAGGAAAGCAAATAATTTTTTAACACAGTAATGAAAATTTAGAGGGTTATTACTCATTTG
 TTCTGAAAATATACCCAGCAAAAAGAATCTGATGCTACTTTTGTGCCAACAGGTTCAAA
 TGTAGAATTGATACTAATTGTCAAGAAGAAACACAATATTCAAGAATATTAAAAA
 [-, A]
 CAAAGAATACAGTGAACCTCCCATTCCTTAGGAAATTATTTTTATCACTGAAAATTAGGAT
 TTCTAAATGTTGCCAATAATGGTAGTTCACACTGCAGAATCCCTCTTCCATTCTATGTG
 AAATTGAAATCTGTTTCAAAAGACCATGTAGCAAAATATGGAAATACATGTCCCGTGGAT
 GGAGGAAATAGTCTGAACTTGATTTTGTGGTATAGCCATTATTAACCCACTTCATTC
 TACATGATCCTAAAGGGATTATAATGACAAATATTGAAATAATTGGTCTAAGGTAAGATT

 357836 TGA CTCAAGAAAATTA ACTCCATAGGAAAGCAAATAATTTTTTAACACAGTAATGAAAAT
 TTAGAGGGTTATTACTCATTTGTTCTGAAAATATACCCAGCAAAAAGAATCTGATGCTA
 CTTTTGTGCCAACAGGTTCAAATGTAGAAATTGATACTAATTGTCAAGAAGAAACACAATA
 TTCAAGAATATTAAAAAAGAAACAAAGAATACAGTGAACCTCCCATTCCTTAGGAAATTA
 TTTTATCACTGAAAATTAGGATTCTAAATGTTGCCAATAATGGTAGTTCACACTGCA
 [G, A]
 AATCCCTCTTCCATTCTATGTGAAATTGAAATCTGTTTCAAAAGACCATGTAGCAAAATA
 TGGAAATACATGTCCCGTGGATGGAGGAAATAGTCTGAACTTGATTTGTTGGTATAGC
 CCATTATTAACCCACTTCATTCTACATGATCCTAAAGGGATTATAATGACAAATATTGAA
 ATAATTGGTCTAAGGTAAGATTAAAAATATTTTCTATGCATTATTTAATATATGCAC
 CTCTGTTTCCCAACCATATGGAATATTAAATTAGCTATTTGGACATTTATGAAATTCAAA

 360817 TTCATATCATGGATGACTATCTGATAAAGTGGCCCAATGTTCTCAGGTAGTATACAAAAT
 TATAACAGAGTTTGTGTTAAAAATAAATCCCTCAGTTCCTCATATAAAAAAGCCATG
 TTTTCTGAATGCCACCAATTGATGAGAGTATCTCATGTAAAAAGCTGCATGAAAAGCTG
 AGAGTTTGTCTCACTGGGATATATTTGCATCTTGAATGAGAAATTAATTAACCTCAAAT
 GAATTTTATTGATGGAAACATGCAGGAGGAAGGTGAGGGATGGCAGGAGAAAGGAAAGAT
 [A, T]
 TGCTTTAGATTACAGGCTCTCTGGTTTACACCCTCCCAATTTCCACAAGTTCACCTTCC
 TTAGGTACCTCCCAATCCCATTTGCTATAGTCATTTCTCTTTTTCACCTTCAGAAGGAG
 TTAGGGGTTTCACTCAACAGCCTTCTGCTGAAGGAGGAGAATGAATGTACAATTGTGAGG
 AGCTTCCTGTGTTTACTGAAGACTGAATCATTTACAATGTAGTAATCAGTCAGGAAACC
 ACAAAAAATGCATACACCGCAAGTGTCTATTTAAATTGCACTATTTCAATAAGGCTTA

 362566 AAGCTTTAAAAATAAAAAATTGCCCGTATGTTTTATTGGAATCCGTTCTGCTTCCTTCTAAA
 AAGCACCAGGAAAGCCAGGGAGTCACAATGATTAAGGACATGTTCTGGAGTTTAACCTG
 CTCTCTAAAACGGGATGCATTCCAGGCATATAAGAAACTCTGAAGTAGGTGAGAAGCTT
 TAACTGCCTGAGGGCTACCTTACACGGGAGGCAAGCAGGTGGTTTGAAATTAAATTAGT
 GCCAGAAACATCAATGAATCATGATTCTATGGCTTTATATTAGACTGAAAGGTGAGGAAA
 [T, C]
 ACAGTGTGCATAAGGCCTTCAAACCTCATTGATTTGGACTTCCTAACTTTGAATTTGC
 ATTAATTCAGATGAGGACTTGGTTTGAAATCATTTTGTGCGGTCCCTGAAGTGGGTGAG
 GTGATGTGAAGGAGAGAATTTGCAAAATGAATGAGGAAATATCTAGCCTATAAGATTAT
 AGACAAACAAAATACCTTCCAGAATAACATTAGAAGAATCACAGAGTAAATATTGTAATT
 AAAATTGTTCTTATTACACTTACAACATTTTATTCCAAACAAGTAGATTAAATCTATGAG

 364521 GGCCTGAATGACAACATTTATATGCCTAGCCTAAGCCCTTAGATGCCCTAGTTCCTAATT
 CCTGAGGTAACATAAGACATAAATAAATCTGATGCCCAAGGCTACAACCTTCTGCTCCTGAC
 TAATGCATTTTAAATTGTTATTATATAAAAGCTTGTATTGCAAATATGAGACTTAATAAT
 GTGCATAACCACTTTTTAACATCTGAGAAGCTGTGTTTCCACTGGAGGTAACAATAGAAT
 CTAGTTTTTGAAGCTTCAAATTTGCAATTATTCTCTGGAAAGGCCTTCATTCTTCAGTT
 [-, C]
 ATTAGGGAATGACACATGATGTTTTCTGCCATTATTATTTACTAAAGATAGTATAGGATT
 GACCTCTGTTTTATCAATTATCTCAAGATTAGTTGTATTGAAAGATGTTTTAAATATAT
 TTAGTAAAGTATACTAATGAACCTATAATATTAAGGATACAGAGCAAATGACATATAGCT
 TAGTAAATGGAAGTAATTTAAATGAACCTGGTAAGAAAATTTCAATTAGTTTCAGATTCA
 TAACCTTTATTTTAAATATGTTACATTAAATATAATATCTGCTGTAAAAATTATCTAGT

 366393 ACCACATGTCTCCAGGGGCTTGTAGTATATATAATAATAAGTAAGAGTTCCTGATAAAT
 TAGTGATCTATTGTTCACTGACAAATTAACCTAAATCTTAGTGTCTGAAGACAACAAGCC
 TTTGTTACCCACAGTTTTTTATGGATCGAGAATTGAAGAGAAGCTTAGCTAGGTGTTCTC
 ACTCCAGGTCTTCCACAAGGCTGGAAGAATGTGAGCTGACTCTTCTGAGCTCACTTACGT
 GAGCCTTCCAGCAAGGCTGATTTCTCCAGAGCAATCATGGCAGCTGGTTTCCTCCAGAG

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[A, C]
AACAGCCTAAGAGAGAGTGTGAGAGTGCACACTGTCAGTTATGGCTGCAGTTGTCTCAAA
GATCAATAAGGGATGATCTGTTTCCAAGCTTGCTTACTAGGCTGTTGGCTGCCTCAGATG
ATCCTCTTCTGAGCTTACTTATGTGAGCCTTCCAGCAAGGCTGGTTTCTCCAGAGCAAC
CATGGCAGCTGGTTTCTCCAGAGCAACAGCCTAAGAGAGAGTATGAGAGTGCACACAGA
CAGAAGCCACAGCCTTTTACAACCTAACATAGTAATGACATCTTTTACCTCTGCTATA

367405 TAACCTCATGGGACTTTAATTTCTTCATTGAAACCTGAAATGGTAATAAGAGCTACTTTA
TAGGATTATTGTGAAAATTCAATGAGATAATTCTTATGCAGCTCTTGGCACAGTGTCTAG
GACATAGAAAGACCTTAAGAAGGGTAGGTGTTATTATAATTCCCCATTTTATCTGAGCC
ATTTCATGCCATATTGTGCAACCACAGCAAACCTACAGTAGAGTCAATTTTGACCTCTTAC
AAAGCTGTCTTTATCTGAAGAGCTTTCATTTATTATATAAACTCAATTCAGAGAGTTAA
[G, A]
TTTTCTTACAGAAAGACTTTATACACACACAAATGCACATACTTAAGCATACAATTTGG
ACAAAGTGGTTTTCTCTGTACTCCCTCAGCTCCTATGTATAACTCTATCATGGTGTTCAT
CACACTGTATCGCCATTGTTATTTCTCTATGGTCCCTATTAGAATATGACCTCTTCTAAG
GAGTCTTTTATTTCTGTATCCACAGAGCCTAGCCCAGTGCCTGGCATATAATAAATATGT
CCTTAATGAATGTGGGCAGAATGGTCTAATAAATAAATGATTGGGAGTTTTTGTATGTA

367694 CAGAGAGTTAAGTTTTCTTACAGAAAGACTTTATACACACACAAATGCACATACTTAAGC
ATACAATTTTGGACAAAGTGGTTTTCTCTGTACTCCCTCAGCTCCTATGTATAACTCTAT
CATGGTGTTCATCACACTGTATCGCCATTGTTATTTCTCTATGGTCCCTATTAGAATATG
ACCTCTTCTAAGGAGTCTTTTATTTCTGTATCCACAGAGCCTAGCCCAGTGCCTGGCATA
TAATAAATATGTCCTTAATGAATGTGGGCAGAATGGTCTAATAAATAAATGATTGGGAG
[T, A]
TTTTTGATGTAGTCTCCTTCTTCATTTCTTCATCCTACTTCTGACACCCACTTACTCATT
CCCTCACCTCAAGTCCTGATTGCATAAGGATATTTCAACTGTGCTTTGAAGAGAAAGCT
GCCCCAAACAAGTTGTTAAGATCAAAGAACATGTTTCTCCTCATATGCAGTTCTAAAGACA
CAAATTAATAAGGTCAATATTTCTTTCCCTGACTTTCTGTATTTGGGCTTTTGAAAT
TTACAACCTTTGTAATAATTGCTTCACTCCCAAGCCAAACTCCTCAGTCAGGCATTTATTT

371966 GGACCACAGCTCTCACCCACCGGGCTTTGATAGTGGAACGTACTCTTCTAAAAAGCATA
TCATTTCCAACGTAAAAACAAACAAAAGCACATATCCTTTAAGATTCACTCAAC
TAGTACCGTTGTCAAAGATCCCTAGATGGCCACAGTAGTCAATTCCTCCTGCTTCTTTT
GTCACATGGTAAATATTATTGGTTTGCATACAACTACTCAGGTGAGCCCAAGAGTATCT
TGAGTTCAAGGACATCTCTGGCGTACTTCTGGTACAGGGTCAAAGCATAGTTGTTCAA
[C, T]
TGGTGTTTTACTGAAGTGTTACCTATGGTACTAAAATATGATTTTGCTCTCAAATGTGTTG
GTTTATATGAATTGACAAGGCTTTACTTTTTATTATAGCATAAAATTTATACAGTATT
TAGCTATTACATACCACCTTAACCTTTCAAATGTACTATAACAAAGAATGAAGGCAAAGC
ACAGTTGCTCACACCTATAATCCCAAACTTTGGGAGACTAAAGCAGGAGAATTGTTTGA
GACCAGCCTGTGCAACATAGCAAGATTCTGCTTCTACAAAATAAAATTAATAAATTAG

382277 TAAGCTACAAACATGTTTCAGGAATTTGAGATGCTTACTATATACATTACATGTATATACC
AGGTACTGTGCTAAGCCCTAGGAATACTGGTTATGCCTTTTTTCTGCTTCCACATTTTA
GTTATTTCTTCATGTATACTATCTCTTCTGTACTCTTTTGGAAAATTAATCCACTTTCC
AGATCTTTCAGCCGTTGCTTCTGCAAGTTTAAATCTCTAGCTCCAACAACATGAGAGCTC
TATCCAGACCTCCTTTATATTATTATTATTATTATTATTATTATTATTATTATTATTAT
[T, -]
ATTATTTTGAACAGAATCTCACTTGTGCCCAGACTGGAATGCAGTGGTGCAATCTTGG
CTCACTGCAGCCTCAACCTCCTTGGGCTCAAGCAATCCTCCCAGCTCAGACTCCCAAGTA
CCTGAGACCACAGGCACATGCCATCAGCCCAACTAATGTTTTGTATTTTTTGTAGAAA
CAAAGTCTCACTATGTTGCCCAGGCTCAGACCTTCTAACTGCCTGCCGAAGACGTCTCC
TGTTGGCATCTATGCCTCTACCTCACATCGTCCCAGCCAAACATCTAATCCCTCTCCCA

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ATCTTAACTTGATTATATCTACAAAAACCCTCTTTCCAAATAAAGTCACATTCATAGGT
ACTGGGAATTATGACTTCAACACATCCTTGTAGGGTACACAATTTAACCACAAGTCATA
TTAAGAGTTATAAGCATAAGAAGTCTAATCTGTTTTATTTTGAACATATTTATCTAA
CATTGTAAATAAGAATAATATAAATCCTGCAATAATTGTCTTTCCTTTAAAAAAGAGC
CTGTATATTATTCCTGTATGAGAAGGTTGACCTAAAGTACAGAGCCTGAGATCCCTATCC
[A, T]
GTCACATTAGACCTTCAGCAACCTGGAACCTGGCCCTCTCCATGGCCGTCTCTACCCTAC
TTCCCTGGCATTATTTATTCTTTAGTAAATATAAGGCTGCTTACAATCCCCAACACACAA
CACATGATTTTATGCTTTCTTACCCTTGTTTCATTCTGTCCCCTCTGCTTGAATATCCTT
CCCTTCCCAACTTCCTCATCCCTTAGCTGTGTCTTTTCTGACTCCTATTCAGTCTCAGT
TCAACTGCCATCTTTTCCCCAAAATCCTCTGTGAAGACTACCCACCTACTCCATCAGCAC